



ISMA/146/2024

17th September 2024

To, Convener and All panel members of TXD 23 P2 Bureau of Indian Standard

Respected Sir,

Sub: Submissions of ISMA on the proposed study on Ash Content referring to the minutes of the meeting dated 20th August 24.

Thank you for sharing the minutes of the TXD23/P2 panel for study on Ash Content requirement. We wholeheartedly support the BIS standards and its endeavour to evolve periodically to comply with the latest technology, development and national policies notified as and when by the Government of India.

However, ISMA, the apex body of sugar, ethanol & power manufacturers, would like to make the following submissions;

A. In the First Meeting of Panel (TXD23/P2) for Study of Ash Content requirement in HDPE/PP Sugar Sacks (IS 14968:2015) under TXD23, Textile Materials Made from Polyolefins (Excluding Cordage) Sectional Committee- dated 16th September 2022- (extracts below);

"2.1 Shri J K Gupta, Sc-E & Head (Textiles) briefed the panel members about the terms of reference as decided by TXD 23 Sectional Committee on the specific study of ash content. **He also informed that the ISMA and AIFTMA have agreed to individually bear the one-third cost of complete expenses.** The confirmation from NFCSFL is still pending and requested the representatives to confirm immediately so that the pending study may be started. He also clarified the fact that IS 14968 with all amendments is the only valid Indian Standard for packing of sugar and this standard is under QCO for compulsory ISI marking for implementation by all stakeholders"

"3.5 The panel decided on the following issues to be included in the agenda for the TXD 23 Sectional Committee meeting:

- i) Proposing the same study in the 16 and 18 percent ash content sacks also.
- *ii)* Issuing a suitable amendment regarding the change in time required for reaching the constant mass for the crucible in the muffle furnace during the determination of ash content.
- iii) The test method for the measurement of the heat dissipation in the sugar sacks.
- *iv) Mr. T Kannan, ISMA raised the point for keeping in abeyance of Amendment 3 and Amendment 4 to IS 14968:2015 till the whole study is*

Indian Sugar & Bio-Energy Manufacturers Association completed and he was informed that this is beyond the purview of this Panel.

 v) Shri Naresh Bhandia, AIWFMA raised the issue of reducing the weight of outer sacks and also requested to exempt the tiny and micro converters from fabrics to bags from the ISI certification and he was informed that this is beyond the purview of this Panel"

In reference to the minutes of 16th September, 24, we would like to bring your attention to the point that – "it is recorded that ISMA agreed to bear the one-third cost of the complete expenses borne on the said study", which has been modified and recorded in the current minutes without considering the submissions of ISMA representatives especially when the said representatives were attending the mandatory training program scheduled by BIS in Noida, and the same was intimated vide e-mail dated 20th August 2024. In fact In fact in the earlier discussions in 2022, as evident from the MOM, there was no estimation of a cost provided. It would be unreasonable to finalise an estimate of a study and the proportionate amount to be contributed by the parties especially in the absence of ISMA being present in the meeting.

B. A background prior to the said minutes captured would be important to be mentioned here. ISMA has been opposing two specifications; lower Ash content and higher thickness of inner virgin. PE poses heat dissipation and hence effecting on the quality of sugar, leading to sugar caking and moisture accumulation in addition to decolorization, which is not acceptable by the customers.

When raised these points, a study was proposed on the above. It appears now, BIS committee taking forward only ash content study. At present, higher ash content bags are being used for both domestic and international markets and there is no reduction of tape strength below 92 KG. AIFTMA & HDPE/PP manufacturers were proposing 2% ash when ISMA was not accepting and was proposing around 10% ash (as per earlier minutes), that BIS prior to getting a study conducted, released a notification stipulating 6% ash content.

It is pertinent to mention here that some of the Individual members of ISMA, at the Company level have undertaken testing at IIP and have such test reports.

C. As per TXD 23 minutes dated 20th August 2024 circulated, (the year is erroneously captured as 2022 instead of 2024);

Clause 11 ("e) The balance testing charges i.e., Rs. 14,01,128/- for the study shall be borne by ISMA."

Under clause 2.2 (x)- "The panel decided that the member secretary shall consult with the representatives of AIWFMA, AIFTMA, IFIBCA and M/s Lohia Corp. Ltd, Kanpur for confirmation of their contribution in the testing charges for the study which shall be recorded in the minutes. **The balance testing charges, after the contribution of above-mentioned organization, shall be borne by ISMA as being the proposer of this study and also one of the major beneficiaries of this study**" xii) The panel also decided that, due to absence of the representatives from ISMA in the meeting, a reconfirmation shall be submitted by ISMA for bearing the balance amount of the testing charges for the afore-said study. In addition to this, panel also requested ISMA to provide the technical difficulties into IS 14968 : 2015 and its amendments issued till date.

In view of the above extracts from the minutes circulated, the following is submitted;

- D. It is submitted that the customers domestic or for exports have not complained or had any issue pertaining to strength of Ash content of the bags used for packing sugar, when the industry has been using 6% & higher ash content as a practice. We do not see the reason for ISMA to get a study conducted and contribute such a huge amount.
- E. In 2022, there was no such estimates circulated and even in the committee, but, sharing of cost for the study was discussed which is recorded in the minutes. The primary concern of ISMA was on heat dissipation and hence sought a study on heat dissipation with respect to thickness of inner liner as proposed in the standards by BIS- higher the thickness, heat dissipation is less and it is harmful to sugar keeping quality in terms of colour deterioration due to internal heat and even sugar caking. Customers will not accept both. In fact in one of the earlier minutes, it is mentioned that IIP is not having proper SOP for heat dissipation, whereas ISMA was not very keen on ash study alone.
- F. However, it is important to bring to your attention that at individual company level, some of our members are measuring ash-strength etc at IIP only which is shared herewith as an **annexure-1**, along with analysis cost. The costing provided in the minutes comparatively seems very high. Hence, such high analysis cost of 25 lacs is not accepted by ISMA.

Under these condition, ISMA of the opinion, spending 25 lac to re-establish ash content Vs tape strength is not warranted, unless heat dissipation study is also taken up, to conclude our challenges. BIS should look into revision of specification which will give benefits to end customers without adding cost. However, cost can be added if end customer is getting tangential benefit either towards his health platform. Hence, proposing 14 lac expenditure is not going to help even sugar Industry or its end customers.

In view of the above, we request you to kindly consider our submissions.

Thanking you,

Yours sincerely

Deepak Ballani Director General Los Better Living

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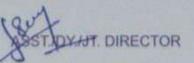
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|---|----------------------------|----------------------------|
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| 3rd Floor, No. 234, Dare House, N.S.C. Bose Road, Parrys, Chennai, Tamil Nadu,600001. | Date of Start of Test | 31 Dec 2020 |
| | Date of Completion of Test | 11 Jan 2021 |
| | Customer Ref.No | FF 04 |
| Kind Attn : | Ref. Date | 31 Dec 2020 |
| C/o S. Venkatsubramanian, Packaging Consultant | Sampling Plan | Sampling done by the party |

Sample Description : One set of samples said to be PP Woven Sacks of 50 Kg capacity marked as HY-MTG.

| | Test Results | | | Test done as per : IS 14968 - 2015 | | |
|-----------|--|---------------------|------|------------------------------------|-------------------|----------------------|
| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
| 1 | Breaking Strength (After UV Exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 80.60 | Complies |
| 2 | Elongation at Break (After UV exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 16.83 | Complies |
| 3 | Ends per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 44 | Does Not Complies |
| 4 | Picks per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 43 | Does Not Complies |
| 5 | Observation (Mouth) | | • | Hemmed open mouth | Hemmed open Mouth | Complies |
| 6 | Ash content | 4.2, 5.1 and 5.2 | % | Max 2.2% | 8.44 | Does Not Complies |

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| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|--|------------------|--------|-------------------------|------------------|----------------------|
| 7 | Breaking Strength Before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 132.93 | Complies |
| 8 | Elongation before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 24.43 | Complies |
| 9 | Mass (Unlaminated sack) | 4.2, 5.1 and 5.2 | gm | 125±6% | 101.00 | Does Not Complies |
| 10 | Overall Migration (Extraction value) with distilled water at 40°C for 10 days | 4.4 | mg/dm² | 60 mg/L or 10 mg/dm² | 0.92 | Complies |
| 11 | Seam Strength | 4.2, 5.1 and 5.2 | kgf | Min. 40.80 | 59.55 | Complies |
| 12 | Tape Width | 4.2 | mm | 2.5±10% | Ave. 2 27 | Complies |
| 13 | Observation (Bottom Seam) (No. of stitching folds) | 4.3.1 | | Double-25 mm Deapth | Double-25 mm | Complies |
| 14 | Observation (Bottom Seam) (No. of stitches per dm) | 4.3.1 | | 14±2 | 15.00 | Complies |
| 15 | Observation (Bottom Seam) (Distance between two nos of stitching line) | 4.3.1 | | Min. 5 mm | 6.00 | Complies |
| 16 | Mass (sack with linear) | | gm | 160±6% | 135.00 | Does No Complier |

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Date : 11 Jan 2021

Test Sr CL.Ref **Results Obtained** Unit Requirement Remarks No. 17 Dimension Length 4.2, 5.1 and 910.00 900+20 mm Complies (Internal) 5.2 Width 4.2. 5.1 and 600.00 mm 590-10 Does Not (Internal) 52 Complies 18 Breaking Strength 4.2, 5.1 and Kgf min 50% of 86.63 Complies (After UV Exposure 5.2 original value for 192 h) Lengthwise 19 **Breaking Strength** 4.2, 5.1 and Kgf min. 91.80 137.13 Complies. Before UV Exposure 5.2 Lengthwise 20 Elongation at Break 4.2, 5.1 and % min 50% of 17.87 Complies (After UV exposure 5.2 original value for 192 h) Lengthwise 21 Elongation at Break 4.2, 5.1 and % Min. 20 25.86 Complies (Before UV 5.2 Exposure) Lengthwise 22 Observation 4.3 Tubular sack Tubular Complies 23 Observation (Bottom 4.3.1 Min. 8 mm 10.00 Complies Seam) (Distance from end of the bag to the first row of stitch)

Note : Test Specification : IS 14968 - 2015

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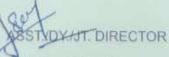
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| Tamil Nadu,600001. | Date of Completion of Test | 11 Jan 2021 |
| | Customer Ref.No | FF 04 |
| Kind Attn : | Ref. Date | 31 Dec 2020 |
| C/o S. Venkatsubramanian, Packaging Consultant | Sampling Plan | Sampling done by the party |

Sample Description : One set of samples said to be PP Woven Sacks of 50 Kg capacity marked as KN-MA.

| | | Test Results | | | Test done as per : IS 14968 - 2015 | | |
|-----------|--|---------------------|------|------------------------------|------------------------------------|----------------------|--|
| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks | |
| 1 | Breaking Strength (After UV Exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 77.30 | Complies | |
| 2 | Elongation at Break (After UV exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 16.70 | Complies | |
| 3 | Ends per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 42 | Does Not Complies | |
| 4 | Picks per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 42 | Does Not Complies | |
| 5 | Observation (Mouth) | * | × | Hemmed open mouth | Hemmed open Mouth | Complies | |
| 6 | Ash content | 4.2, 5.1 and 5.2 | % | Max 2.2% | 9.35 | Does Not Complies | |
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| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|--|---------------------|--------|-------------------------|------------------|----------|
| 7 | Breaking Strength Before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 122.70 | Complies |
| 8 | Elongation before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 25.14 | Complies |
| 9 | Mass (Unlaminated sack) | 4.2, 5.1 and 5.2 | gm | 125±6% | 118.45 | Complie |
| 10 | Overall Migration (Extraction value) with distilled water at 40°C for 10 days | 4.4 | mg/dm² | 60 mg/L or 10 mg/dm² | 0.43 | Complies |
| 11 | Seam Strength | 4.2, 5.1 and 5.2 | kgf | Min. 40.80 | 58.25 | Complies |
| 12 | Tape Width | 4.2 | mm | 2.5±10% | Ave. 2.54 | Complies |
| 13 | Observation (Bottom Seam) (No. of stitching folds) | 4,3.1 | | Double-25 mm Depth | Double-25 mm | Complies |
| 14 | Observation (Bottom Seam) (No. of stitches per dm) | 4.3.1 | | 14±2 | 12.00 | Complies |
| 15 | Observation (Bottom Seam) (Distance between two nos of stitching line) | 4.3.1 | | Min. 5 mm | 7.00 | Complies |
| 16 | Mass (sack with linear) | | gm | 160±6% | 165.00 | Complies |

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| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|---|---------------------|------|------------------------------|------------------|----------------------|
| 17 | Dimension | | | | | Does Not |
| | Length (Internal) | 4.2, 5.1 and 5.2 | mm | 900+20 | 940.00 | Complies |
| | Width (Internal) | 4.2, 5.1 and 5.2 | mm | 590-10 | 618.00 | Does Not Complies |
| 18 | Breaking Strength (After UV Exposure for 192 h) Lengthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 79.50 | Complies |
| 19 | Breaking Strength Before UV Exposure Lengthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 128.57 | Complies |
| 20 | Elongation at Break (After UV exposure for 192 h) Lengthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 18.33 | Complies |
| 21 | Elongation at Break (Before UV Exposure) Lengthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 26.90 | Complies |
| 22 | Observation | 4.3 | | Tubular sack | Tubular | Complies |
| 23 | Observation (Bottom Seam) (Distance from end of the bag to the first row of stitch) | 4.3.1 | | Min. 8 mm | 6.00 | Does Not Complies |

Note : Test Specification : IS 14968 - 2015

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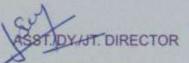
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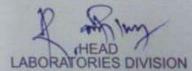
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| C/o S. Venkatsubramanian, Packaging Consultant | Sampling Plan | Sampling done by the party |

Sample Description : One set of samples said to be PP Woven Sacks of 50 Kg capacity marked as HY-MA.

| | | Test Results | | | Test done as per : IS 14968 - 2015 | | |
|-----------|--|---------------------|------|------------------------------|------------------------------------|----------------------|--|
| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks | |
| 1 | Breaking Strength (After UV Exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 70.09 | Complies | |
| 2 | Elongation at Break (After UV exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 17.18 | Complies | |
| 3 | Ends per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 42 | Does Not Complies | |
| 4 | Picks per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 42 | Does No Complies | |
| 5 | Observation (Mouth) | | | Hemmed open mouth | Hemmed open Mouth | Complies | |
| 6 | Ash content | 4.2, 5.1 and 5.2 | % | Max 2.2% | 9.28 | Does No Complies | |

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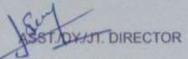
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| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|--|------------------|--------|-------------------------------------|------------------|----------------------|
| 7 | Breaking Strength Before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 111.83 | Complies |
| 8 | Elongation before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 25.54 | Complies |
| 9 | Mass (Unlaminated sack) | 4.2, 5.1 and 5.2 | gm | 125±6% | 107.00 | Does Not Complies |
| 10 | Overall Migration (Extraction value) with distilled water at 40°C for 10 days | 4.4 | mg/dm² | 60 mg/L or 10 mg/dm ² | 0.87 | Complies |
| 11 | Seam Strength | 4.2, 5.1 and 5.2 | kgf | Min. 40.80 | 67.05 | Complies |
| 12 | Tape Width | 4.2 | mm | 2.5±10% | Ave. 2.54 | Complies |
| 13 | Observation (Bottom Seam) (No. of stitching folds) | 4.3.1 | | Double-25 mm Deapth | Double-25 mm | Complies |
| 14 | Observation (Bottom Seam) (No. of stitches per dm) | 4.3.1 | | 14±2 | 13.00 | Complies |
| 15 | Observation (Bottom Seam) (Distance between two nos of stitching line) | 4.3.1 | | Min. 5 mm | 6.00 | Complies |
| 16 | Mass (sack with linear) | | gm | 160±6% | 135.00 | Does No Complie |

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An extenomous body under the Ministry of Commerce & Industry, Govi: of Ind

Chennai Centre

LABORATORY TEST REPORT

Test Report No. : 200/01-20-21/248

Date : 11 Jan 2021

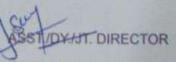
Form / Format No : 32

Page 3 of 4

| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|---|---------------------|------|------------------------------|------------------|---------------------|
| 17 | Dimension | | | | EUNPSSIEL Y | 12.23 |
| | Length (Internal) | 4.2, 5.1 and 5.2 | mm | 900+20 | 915.00 | Complies |
| | Width (Internal) | 4.2, 5.1 and 5.2 | mm | 590-10 | 596.00 | Does No Complies |
| 18 | Breaking Strength (After UV Exposure for 192 h) Lengthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 72.02 | Complies |
| 19 | Breaking Strength Before UV Exposure Lengthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 113.97 | Complies |
| 20 | Elongation at Break (After UV exposure for 192 h) Lengthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 20.03 | Complies |
| 21 | Elongation at Break (Before UV Exposure) Lengthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 27.60 | Complies |
| 22 | Observation | 4.3 | | Tubular sack | Tubular | Complies |
| 23 | Observation (Bottom Seam) (Distance from end of the bag to the first row of stitch) | 4.3.1 | | Min. 8 mm | 10.00 | Complies |

Note : Test Specification : IS 14968 - 2015

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LABORATORY TEST REPORT

Test Report No. : 200/01-20-21/248

Date : 11 Jan 2021

Form / Format No : 32 Page 4 of 4

General Remarks

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2. Sampling done by the party. The test samples are submitted by the client. The sample descriptions provided in the test report are based on declaration by the party.

3. This report pertains to the submitted samples only.

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End of Test Report-

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LABORATORY TEST REPORT

Form / Format No : 32

Page 1 of 4

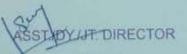
| Issued To : | Test Report No | 200/01-20-21/246 | |
|--|----------------------------|----------------------------|--|
| E. I. D Parry (India) Ltd | Date | 11 Jan 2021 | |
| rd Floor, No. 234, Dare House, N.S.C. | Date of Start of Test | 31 Dec 2020 | |
| Bose Road, Parrys, Chennai. Tamil Nadu, 600001. | Date of Completion of Test | 11 Jan 2021 | |
| | Customer Ref.No | FF 04 | |
| Kind Attn | Ref. Date | 31 Dec 2020 | |
| C/o S. Venkatsubramanian, Packaging Consultant | Sampling Plan | Sampling done by the party | |

Sample Description : One set of samples said to be PP Woven Sacks of 50 Kg capacity marked as NKM-SP.

done as per . IS 14968 - 2015

| - | - | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|--|---------------------|------|------------------------------|-------------------|----------------------|
| Sr No. | Test | CL.NOT | Unit | requirement | | |
| 1 | Breaking Strength (After UV Exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 58.83 | Complies |
| 2 | Elongation at Break (After UV exposure for 192 h) Widthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 17.83 | Complies |
| 3 | Ends per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 44 | Does Not Complies |
| 4 | Picks per dm | 4.2, 5.1 and 5.2 | Nos. | 48±2 | 43 | Does Not Complies |
| 5 | Observation (Mouth) | | * | Hemmed open mouth | Hemmed open Mouth | Complies |
| 6 | Ash content | 4.2, 5.1 and 5.2 | % | Max 2.2% | 7.67 | Does Not Complies |

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LABORATORY TEST REPORT

Test Report No. : 200/01-20-21/246

Form / Format No : 32 Page 2 of 4

Date : 11 Jan 2021

| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|--|---------------------|--------|-------------------------|------------------|---------------------|
| 7 | Breaking Strength Before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 90.90 | Complies |
| 8 | Elongation before UV Exposure Widthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 25.03 | Complies |
| 9 | Mass (Unlaminated sack) | 4.2, 5.1 and 5.2 | gm | 125±6% | 101.00 | Does No Complies |
| 10 | Overall Migration (Extraction value) with distilled water at 40°C for 10 days | 4.4 | mg/dm² | 60 mg/L or 10 mg/dm² | 0.52 | Complies |
| 11 | Seam Strength | 4.2, 5.1 and 5.2 | kgf | Min. 40.80 | 69.20 | Complies |
| 12 | Tape Width | 4.2 | mm | 2.5±10% | Ave. 2.56 | Complie |
| 13 | Observation (Bottom Seam) (No. of stitching folds) | 4.3.1 | | Double-25 mm Deapth | Double-25 mm | Complie |
| 14 | Observation (Bottom Seam) (No. of stitches per dm) | 4.3.1 | | 14±2 | 14.00 | Complie |
| 15 | Observation (Bottom Seam) (Distance between two nos of stitching line) | 4.3.1 | | Min. 5 mm | 6.00 | Complie |
| 16 | Mass (sack with linear) | | gm | 160±6% | 136.00 | Does N Compli |

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Date : 11 Jan 2021

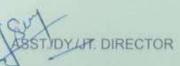
Form / Format No : 32

Page 3 of 4

| Sr No. | Test | CL.Ref | Unit | Requirement | Results Obtained | Remarks |
|-----------|---|---------------------|------|------------------------------|------------------|----------------------|
| 17 | Dimension | | | | | |
| | Length (Internal) | 4.2, 5.1 and 5.2 | mm | 900+20 | 920.00 | Complies |
| | Width (Internal) | 4.2, 5.1 and 5.2 | mm | 590-10 | 600.00 | Does Not Complies |
| 18 | Breaking Strength (After UV Exposure for 192 h) Lengthwise | 4.2, 5.1 and 5.2 | Kgf | min 50% of original value | 68.17 | Complies |
| 19 | Breaking Strength Before UV Exposure Lengthwise | 4.2, 5.1 and 5.2 | Kgf | min. 91.80 | 112.60 | Complies |
| 20 | Elongation at Break (After UV exposure for 192 h) Lengthwise | 4.2, 5.1 and 5.2 | % | min 50% of original value | 19.50 | Complies |
| 21 | Elongation at Break (Before UV Exposure) Lengthwise | 4.2, 5.1 and 5.2 | % | Min. 20 | 27.96 | Complies |
| 22 | Observation | 4.3 | | Tubular sack | Tubular | Complies |
| 23 | Observation (Bottom Seam) (Distance from end of the bag to the first row of stitch) | 4.3.1 | | Min. 8 mm | 8.00 | Complies |

Note : Test Specification : IS 14968 - 2015

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Test Report No. : 200/01-20-21/246

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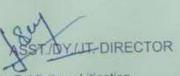
2. Sampling done by the party. The test samples are submitted by the client. The sample descriptions provided in the test report are based on declaration by the party.

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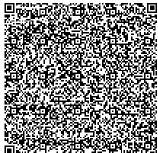
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TAX INVOICE



IRN : 7fa3314c84301714c784c7eddc373668a66c93ca712561e154d-6bb934480d761 Ack No. : 152316506383278

Ack Date : 13-Dec-23

| Induction is bound Indian institute of Packaging An Autonomous Body Under MOCI Govt. of India Perungudi, Chennai - 600066 Tel No. 059, Industrial Estate Perungudi, Chennai - 600066 Tel No. 053TIN/UNI: 33AAATI15451276 State Name : Tamil Nadu, Code : 33 E-Mail : lipchennai@ip-in.com Invoice No. SRC2324/817 Dated Dated Dated Indian I super Cell to Dated Buyer (Bil to) E-Mail : lipchennai@ip-in.com Buyer Sorder No. Dated Dated Invoice Date 234, DARE HOUSE, N. S. CBOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 SGTIN/UNI: 33AAACE0702C120 State Name : Tamil Nadu, Code : 33 Place of Suppiy Dispatched through Destination 51 Description of Services MSN/SAC GST Quantity Rate per Amount 6 Grammage of Paper 998346 18 % 7 No 120.000 No 8,400.00 3 Beaking Strength 998346 18 % 7 No 120.000 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 600.00 No 4,200.00 5 Elongation at Break Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 0utput CGST 18 % <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th><u>الم</u></th> <th>相考</th> <th></th> | | | | | | | | <u>الم</u> | 相考 | | |
|---|------------|--------------------------------|--|---------|--------|------------|----------|------------|--------|--------------|--|
| Site Name : Tamil Nadu, Code : 33 E-Mai : ipchennai@ip-in.com Dated Buyer (Bill to) E-Mai : ipchennai@ip-in.com Dated 234, DARE HOUSE, N.S. C. BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 Dispatch Doc No. Destination STIN/UN : 33AACED702C120 State Name : Tamil Nadu, Code : 33 Dispatched through Destination Sill Description of No. State Name : Tamil Nadu Code : 33 Place of Supply : Tamil Nadu Code : 34 Sill Description of Services HSN/SAC GST Quantity Rate per Ash Content 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,000.00 No 4,200.00 5 Elongation at Break Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 008346 18 % 7 No 1,000.00 No 4,200.00 8 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 00404 CGST 18 % 7 No 600.00 No 4,200.00 <th></th> <th>Better Living</th> <th>Indian Institute of Packaging</th> <th></th> <th>Invoic</th> <th>e No.</th> <th></th> <th>Dated</th> <th></th> <th></th> | | Better Living | Indian Institute of Packaging | | Invoic | e No. | | Dated | | | |
| Site Name : Tamil Nadu, Code : 33 Deleter No. Dated Buyer (Bill to) E-Mai : ipchennai@ip-in.com Dated 13-Dec-23 Buyer (Bill to) E-Mai : ipchennai@itp-in.com Dated 13-Dec-23 234, DARE HOUSE, N.S. C.BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 Dispatch Doc No. Destination 251N/UN: 33AACED702C120 State Name : Tamil Nadu, Code : 33 Dispatched through Destination Sill Description of HSN/SAC GST Quantitly Rate per Amount 1 Ends/Picks of the Hessian 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,000.00 No 8,400.00 5 Elongation at Break 998346 18 % 7 No 600.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 5 Elongation at Break 998346 18 % 7 No 600.00 No 4,200.00 6 | caging fo. | | An Autonomous Body Under MOCI Govt. of Plot No.169, Industrial Estate | f India | | | 7 | | | of Payment | |
| Site Name : Tamil Nadu, Code : 33 E-Mai : ipchennai@ip-in.com Dated Buyer (Bill to) E-Mai : ipchennai@ip-in.com Dated 234, DARE HOUSE, N.S. C. BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 Dispatch Doc No. Destination STIN/UN : 33AACED702C120 State Name : Tamil Nadu, Code : 33 Dispatched through Destination Sill Description of No. State Name : Tamil Nadu Code : 33 Place of Supply : Tamil Nadu Code : 34 Sill Description of Services HSN/SAC GST Quantity Rate per Ash Content 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,000.00 No 4,200.00 5 Elongation at Break Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 008346 18 % 7 No 1,000.00 No 4,200.00 8 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 00404 CGST 18 % 7 No 600.00 No 4,200.00 <td>pack</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="3"></td> | pack | | | | | | | | | | |
| E-Mail : lipchennal@lip-in.com Digits of the No. Dialed Buyer (Bill to) 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS, CHENNAI, TAML MADU, 60001 Dispatch Doc No. Delivery Note Date CHENNAI, TAML NADU, 600001 33AACED702C12C0 Dispatched through Destination State Name Tamil Nadu, Code : 33 Place of Supply Tamil Nadu Code and the No. Destination 1 Ends/Picks of the Hessian 998346 18 % 7 No 700.00 No 4,900.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 5 Elongation at Break 998346 18 % 7 No 1,200.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Output CGST Is % 7 No 600.00 No 4,200.00 8 Grammage of Paper 998346 18 % 7 No 600.00 No 6 Grammage of Paper 998346 18 % 7 No 600.00 No 7 Output CGST Is % 7 No | | 1. | GSTIN/UIN: 33AAATI1545E1Z6 | | Refere | ence No. | & Date. | Other R | eferen | ces | |
| Buyer (Bill to) E.I.D. Parry (India) LtI. 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 GSTIN/UIN :: 33AAACE0702C12O State Name :: Tamil Nadu, Code :: 33 Place of Supply :: Tamil Nadu SI Description of Services SI 1 Ends/Picks of the Hessian 3 Breaking Strength 4 Dimension Length and Width of Hologram 5 Elongation at Break 6 Grammage of Paper 7 Capacity of Container <i>Output CGST</i> Buyer CGST <i>Output CGST</i> Buyer SI 20011-3224788 13-Dec-23 Dispatch Doc No. Delivery Note Date Destination Destination Destination Destination Capacity of Container 20011-3224788 Dispatch Doc No. Dispatch Doc No. Dispatch Doc No. Capacity of Container 20011-3224788 Dispatch Doc No. Dispatch Doc No. Capacity of Container 20011-3224788 Dispatch Doc No. Capacity of Container 20011-3224788 Dispatch Doc No. Dispatch Doc No. Dispatch Doc No. Capacity of Container 20011-3224788 Dispatch Doc No. 20011-3224788 Dispatch Doc No. Capacity of Container 20011-3224788 Dispatch Doc No. 20011-3224788 Dispatch Doc No. 20011-324788 Dispatch Doc No. Capacity of Container 20011-324788 Dispatch Doc No. 20011-324788 Dispatch Doc No. 20011-32478 Dispatch Doc No. 20011-324788 Dispatch Do | | E-Mail : iipchennai@iip-in.com | | | | 's Order I | No. | Dated | | | |
| E.D. Pary (India) Ltd. Dispatch Doc No. Delivery Note Date 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 Dispatch Doc No. Destination GSTINUUIN :33AACEO702C12O :33 State Name :Tamil Nadu Description of Services HSN/SAC GST Quantity Rate per Amount Si Description of No. Services HSN/SAC GST Quantity Rate per Amount 1 Ends/Picks of the Hessian 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,200.00 No 8,400.00 5 Elongation at Break 998346 18 % 7 No 600.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Output CGST Output CGST Image: Note Cost | Bu | | | | | 1-2324/ | 788 | 13-Dec | -23 | | |
| 234. DARE HOUSE, N.S.C. BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 GSTIN/UIN Dispatched through Destination Dispatched through Destination STIN/DUN :: 33AACE0702C12D State Name : Tamil Nadu, Code :: 33 Place of Supply : Tamil Nadu SI Description of Services 1 Ends/Picks of the Hessian 2 2 Ash Content 3 3 Breaking Strength 998346 3 Breaking Strength 998346 4 Dimension Length and Width of Hologram 5 5 Elongation at Break Grammage of Paper 7 0 Capacity of Container 0 0utput CGST | | • • • | ia) I td | | Dispat | tch Doc N | lo. | Delivery | Note | Date | |
| STINUM, HAND, HAND, HAND, HAND, WIGH, AACEG702C1ZO State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu SI Description of Services HSN/SAC GST Quantity Rate per Amount 1 Ends/Picks of the Hessian 998346 18 % 7 No 700.00 No 4,900.00 2 Ash Content 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 600.00 No 4,200.00 5 Elongation at Break 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,200.00 43,400.00 3,906.00 No 4,200.00 43,400.00 3,906.00 No 43,400.00 3,906.00 No 43,400.00 | | | | | | | | | | | |
| State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu State Name : Services : State Name : State Name State Name : Services : State Name : State Name : State Name State Name : Services : State Name : State Name : State Name : State Name State Name : State Name | CF | IENNAI, TAMI | L NADU, 600001 | | Dispat | tched thro | ough | Destinat | tion | | |
| Sile Description of Services HSN/SAC GST Rate Quantity Rate per Amount 1 Ends/Picks of the Hessian 3 Ash Content 998346 18 % 7 No 700.00 No 4,900.00 2 Ash Content Breaking Strength Dimension Length and Width of Hologram 998346 18 % 7 No 1,200.00 No 8,400.00 5 Elongation at Break Grammage of Paper 7 998346 18 % 7 No 1,000.00 No 4,200.00 6 Grammage of Paper Capacity of Container 998346 18 % 7 No 800.00 No 4,200.00 7 Output CGST 18 % 7 No 800.00 No 4,200.00 43,400.00 3,906.00 No 43,400.00 3,906.00 No | | | | | Torma | | 0.00 | | | | |
| SI Description of Services HSN/SAC GST Rate Quantity Rate Rate per Amount 1 Ends/Picks of the Hessian Ash Content 998346 18 % 7 No 700.00 No 4,900.00 3 Breaking Strength 998346 18 % 7 No 1.200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1.200.00 No 8,400.00 5 Elongation at Break Grammage of Paper 998346 18 % 7 No 800.00 No 4,200.00 998346 18 % 7 No 600.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 41 Journal Is % 7 No 600.00 No 4,300.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 43,400.00 44,400.40 44,400.40 44,400. | | | | | Terms | | ery | | | | |
| No. Services Rate Image of the services No. Rest (1,20,00) No. A,900,00 No. A,900,00 No. A,900,00 No. B,98346 18 % 7 No. 1,200,00 No. B,400,00 No. B,98346 18 % 7 No. 1,200,00 No. B,400,00 R,400,00 No. B,400,00 No. S,600,00 No. No. B,400,00 No. S,600,00 No. S,600,00 No. S,600,00 No. S,600,00 No. S,600,00 No. S,400,00 A,200,00 A,200, | | | | | | | | | | | |
| No. Services Rate Image of the services No. Rest (1,20,00) No. A,900,00 No. A,900,00 No. A,900,00 No. B,98346 18 % 7 No. 1,200,00 No. B,400,00 No. B,98346 18 % 7 No. 1,200,00 No. B,400,00 R,400,00 No. B,400,00 No. S,600,00 No. No. B,400,00 No. S,600,00 No. S,600,00 No. S,600,00 No. S,600,00 No. S,600,00 No. S,400,00 A,200,00 A,200, | | | | | | | | | | | |
| No. Services Rate Image of the services No. Rest (1,20,00) No. A,900.00 No. B,400.00 No. S,600.00 No. S,600.00 No. B,400.00 A,200.00 | | | | | | | | | | | |
| No. Services Rate Image of the services No. Rest (1,20,00) No. A,900.00 No. B,400.00 No. S,600.00 No. S,600.00 No. B,400.00 A,200.00 | | | | | | | | | | | |
| 1 Ends/Picks of the Hessian 998346 18 % 7 No 700.00 No 4,900.00 2 Ash Content 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,100.00 No 8,400.00 5 Elongation at Break 998346 18 % 7 No 800.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 800.00 No 4,200.00 7 Output CGST 0 0 18 % 7 No 800.00 No 4,200.00 43,400.00 3,906.00 18 % 7 No 18 % 18 % 7 No 600.00 No 4,200.00 7 Output CGST 0 18 % 7 No 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % 18 % | | | • | HSN | I/SAC | | Quantity | Rate | per | Amount | |
| 2 Ash Content 998346 18 % 7 No 1,200.00 No 8,400.00 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,100.00 No 7,700.00 5 Elongation at Break 998346 18 % 7 No 800.00 No 4,200.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,300.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,300.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.00 4,3,400.40 4,4,40,40 4,4,40,40 4,4,40,40 4,4,40,40 4,4,40,40 4,4,40,40 4,4,40,40 4,4,40,40,40 4,4,40,40,40 4,4,40,40 | | | | | | | | 700.00 | | | |
| 3 Breaking Strength 998346 18 % 7 No 1,200.00 No 8,400.00 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,100.00 No 7,700.00 5 Elongation at Break 998346 18 % 7 No 800.00 No 6,600.00 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,200.00 0utput CGST 0utput CGST 18 % 7 No 600.00 No 43,400.00 3,906.00 | | | | | | | - | | | | |
| 4 Dimension Length and Width of Hologram 998346 18 % 7 No 1,100.00 No 7,700.00 5 Elongation at Break Grammage of Paper 7 998346 18 % 7 No 800.00 600.00 No 5,600.00 4,200.00 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,200.00 0utput CGST 0utput CGST 18 % 7 No 100.00 No 4,200.00 43,400.00 3,906.00 No 100.00 No 100.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>,</td> | | | | | | | | | | , | |
| 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,200.00 0utput CGST Output CGST 18 % 7 No 600.00 No 43,400.00 3,906.00 0 0 0 0 0 0 0 | | | | | | | | | | | |
| 6 Grammage of Paper 998346 18 % 7 No 600.00 No 4,200.00 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,200.00 Output CGST | 5 | Elongation a | t Broak | 99834 | 16 | 18 % | 7 No | 800.00 | No | 5 600 00 | |
| 7 Capacity of Container 998346 18 % 7 No 600.00 No 4,200.00 Output CGST 0 18 % 7 No 600.00 No 43,400.00 3,906.00 | | | | | | | | | | | |
| Output CGST | | | | | | | - | | | | |
| | | | | | | | | | | 43,400.00 | |
| | | | Output CGST | | | | | | | 3.906.00 | |
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| | <u> </u> | 1 | | I | | | | continued | to pa | age number 2 | |

TAX INVOICE(Page 2)

| Bu E.I 23 CH GS Sta | | Indian Institute of Packaging An Autonomous Body Under MOCI Govt. of Plot No.169, Industrial Estate Perungudi, Chennai - 600096 Tel No 044-24960730/1560 GSTIN/UIN: 33AAATI1545E1Z6 State Name : Tamil Nadu, Code : 33 E-Mail : iipchennai@iip-in.com | | Invoic SRC2 Delive Refere Buyer 200/1 Dispa | 2324/81 ery Note | . & Date. No. // 788 No. rough | Oth Date 13- Deli | Dec-23 le/Terms of er Reference | es |
|------------------------------------|---|--|-----------------------|---|-------------------------------|---|----------------------------|--|--------------------------------|
| SI No. | | Description of Services | HSN | /SAC | GST Rate | Quantity | Rate | per | Amount |
| | Bill Details: Agst Ref SRCR232 | Output SGST 4020 51,212.00 Dr Total | | | | 49 No | | | 3,906.00 |
| Am | nount Chargeable | | | | | 43 110 | | | ₹ 51,212.00 <i>E.</i> & O.E |
| Inc | dian Rupees F | ifty One Thousand Two Hundred T | welv Taxab | | | ntral Tax | C+ | ate Tax | Total |
| | | | Value | e 🗌 | Rate | Amount | Rate | Amount | Tax Amount |
| | | Total: | 43,40 43,40 | | 9% | 3,906.00 3,906.00 | 9% | 3,906.0 3,906.0 | |
| Re GT Co De We | <i>marks:</i> 'R REPORT 200 mpany's PAN <u>claration</u> e declare that thi | rds): Indian Rupees Seven Thousa //11-2324/788 : AAATI1545E s invoice shows the actual price of the goo all particulars are true and correct. | | Comp A/c He Bank A/c Ne | any's Ba older's N Name | ank Details lame : : SBI : | | | te of Packaging |

TAX INVOICE

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Authorised Signatory

IRN : a4111c5dc69b84e361275205c389a92c639934e8207c8f62c12-7b79549289ebe Ack No. : 152316505767640

Ack Date : 13-Dec-23

| | | | | | | | È | <u> 7</u> 2 | | |
|------|--------------------------|--|-------------------------|-------------|--------------------|-----------------------------|-----------|-------------|----------------------|----------------------|
| | Better Living | Indian Institute of Packaging | 1 | Invoi | ce No. | | Date | ed | | |
| 9 6 | | An Autonomous Body Under MOCI Govt. c | of India | SRC2324/816 | | | 13-Dec-23 | | | |
| uigo | | Plot No.169, Industrial Estate | | Deliv | ery Note | | Moc | de/Te | rms of Pa | ayment |
| pock | | Perungudi, Chennai - 600096 | | | | | | | | |
| | | Tel No 044-24960730/1560 | F | Refe | rence No. | & Date. | Othe | er Re | eferences | ; |
| | | GSTIN/UIN: 33AAATI1545E1Z6 | | | | | | | | |
| | | State Name : Tamil Nadu, Code : 3 | ³³ 1 | Buye | r's Order | No. | Date | ed | | |
| D., | yer (Bill to) | E-Mail : iipchennai@iip-in.com | : | 200/ | 11-2324 | /853 | 13- | Dec | -23 | |
| | l. D. Parry (Indi | a) td | 1 | Dispa | atch Doc I | No. | Deli | very | Note Dat | e |
| | | SE, N.S.C.BOSE ROAD, PARRYS, | | | | | | | | |
| | | _ NADU, 600001 | ī | Dispa | atched thr | ough | Des | tinati | on | |
| | STIN/UIN | : 33AAACE0702C1ZO | | | | | | | | |
| | ate Name | : Tamil Nadu, Code : 33 | - | Term | is of Deliv | very | | | | |
| Pla | ace of Supply | :Tamil Nadu | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| SI | | Description of | HSN/S | SAC | GST | Quantity | Rate | | per | Amount |
| No. | | Services | | | Rate | | | | | |
| 1 | Ash Content | | 998346 | 5 | 18 % | 7 No | 1,200 | 0.00 | No | 8,400.0 |
| 2 | Caliper/Thick | iness | 998346 | 5 | 18 % | 7 No | 550 | 0.00 | No | 3,850.0 |
| 3 | Weight | | 998346 | 6 | 18 % | | 550 | 0.00 | No | 3,850.0 |
| 4 | Dimension | | 998346 | 5 | 18 % | 7 No | 550 | 0.00 | No | 3,850.0 |
| | | | | | | | | | | 19,950.0 |
| | | 0 | - | | | | | | | |
| | | Output CGST Output SGST | | | | | | | | 1,796.00 1,796.00 |
| | Bill Details: | Output 3031 | | | | | | | | 1,790.00 |
| | | | | | | | | | | |
| | Agst Ref SRCR232 | 4920 23,542.00 Dr | | | | | | | | |
| | | | | | | | | | | |
| | | Total | | | | 28 No | | | 3 | £ 23,542.00 |
| ٩n | ount Chargeable | e (in words) | | | | | | | | E. & O.I |
| Ind | dian Rupees T | wenty Three Thousand Five Hund | dred Fo | rty T | wo Only | y | | | | |
| | | | Taxable | ; | | tral Tax | | ate T | | Total |
| | | | Value | | Rate | Amount | Rate | | mount | Tax Amount |
| | | Total: | 19,950 19,950 | | 9% | 1,796.00 1,796.00 | 9% | | 1,796.00 1,796.00 | |
| | | | - | | | | | | 1,730.00 | 3,392.00 |
| Ta | x Amount (in wor | ds): Indian Rupees Three Thous | | | | | Dnly | | | |
| | | | | | | nk Details | | | | |
| | marks: | | | | lolder's N Name | ame : : SBI | | | | |
| GT | R REPORT : 20 | 0/11-2324/853 | | A/c N | | : 301 | | | | |
| Co | mpany's PAN | : AAATI1545E | | | ch & IFS (| Code : | | | | |
| | claration | | Γ | | | | for In | dian | Institute | of Packaging |
| | | s invoice shows the actual price of the go | oods | | | | | | | |
| de | scribed and that | all particulars are true and correct. | | | | | | | ٨ | rised Signator |
| | | | | | | | | | | |

TAX INVOICE

IRN : 090eb18bf74c57b50f5d050b891578dcbdacf6700e3cd5f83f64-7f8df59fe45f Ack No. : 152316506383454

Ack No. 1923109003034

Ack Date : 13-Dec-23

| | Seetter Living | Indian Institute of Packagi | ina | In | voice No. | | Dated | Dated 13-Dec-23 Mode/Terms of Payment | | |
|----------------|--|---|------------|------------------|------------------------------|------------------|-----------|--|----------------------|--|
| 36 | | An Autonomous Body Under MOC | | India SI | RC2324/81 | 18 | 13-De | | | |
| agin | 99 | Plot No.169, Industrial Estat | te | | elivery Note | | Mode/T | | | |
| odck | | Perungudi, Chennai - 60009 | 96 | | | | | | | |
| | | Tel No 044-24960730/1560 GSTIN/UIN: 33AAATI1545E | 176 | Re | eference No | . & Date. | Other F | References | | |
| | | State Name : Tamil Nadu, (| | _ | | | | | | |
| | | E-Mail : iipchennai@iip-in.co | | | uyer's Order | | Dated | | | |
| Bu | yer (Bill to) | @. | | | 00/11-2324 | | 13-De | | | |
| E. | .D. Parry (Ind | ia) Ltd. | | Di | spatch Doc | No. | Deliver | / Note Date | ÷ | |
| | | ŚĖ, N.S.C.BOSE ROAD, PAI | RRYS, | | | | | | | |
| | HENNAI, TAMI STIN/UIN | L NADU, 600001 | | | spatched th | rougn | Destina | tion | | |
| | ate Name | :33AAACE0702C1ZO :Tamil Nadu, Code:33 | | Te | erms of Deli | verv | | | | |
| | ace of Supply | : Tamil Nadu, Code : 55 | | | | very | | | | |
| | add of duppiy | | | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| SI | | Description of | | HSN/SA | C GST | Quantity | Rate | per | Amount | |
| No. | | Services | | | Rate | | | | | |
| 1 | Dimension | | ç | 998346 | 18 % | 7 No | 550.00 | No | 3,850.00 | |
| . | 2 | | | | _ | | | | 0,000100 | |
| | | | | | | | | | | |
| | | | t CGST | | | | | | 347.00 | |
| | | Outpu | t SGST | | | | | | 347.00 | |
| | Bill Details: | | | | | | | | | |
| | Agst Ref SRCR1232 | 4,542.00 Dr | | | | | | | | |
| | New Ref SRC232 | 4/818 2.00 <i>Dr</i> | | | | | | | | |
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| | | | | | | | | | | |
| | | | Total | | | 7 No | | | ₹ 4,544.00 | |
| | ount Chargeabl | , , | | | | | | | E. & O.E | |
| Ine | dian Rupees F | our Thousand Five Hundre | ed Forty l | Four Or | nly | | | | | |
| | | | | axable | | ntral Tax | State | | Total | |
| | | | | Value 3,850.0 | Rate | Amount 347.00 | Rate / | Amount 347.00 | Tax Amount 694.00 | |
| <u> </u> | | Т | fotal: | 3,850.0 | | 347.00 | 970 | 347.00 | 694.00 | |
| - | A ma a | | | | | 2 | | | | |
| la | x Amount (in Woi | rds) : Indian Rupees Six Hu | undred N | | | ank Dataila | | | | |
| | | | | | ompany's Ba ′c Holder's N | | | | | |
| | marks: | | | | ank Name | : SBI | | | | |
| 107 | | 0/44 0004/050 | | | | | | | | |
| | R REPORT : 20 | | | | c No. | : | | | | |
| Co | R REPORT : 20 mpany's PAN | 0/11-2324/853 : AAATI1545E | | | ′c No. ranch & IFS | : Code : | | | | |
| Co De | R REPORT : 20 mpany's PAN <u>claration</u> | : AAATI1545E | of the acc | Br | | : Code : | for India | ı Institute | of Packaging | |
| Co De We | R REPORT : 20 mpany's PAN <u>claration</u> e declare that thi | | | Br | | : Code : | for India | n Institute | of Packaging | |







Form / Format No : 32

Page 1 of 3

| Issued To : | Test Report No | 200/11-2324/853 | |
|---|----------------------------|----------------------|--|
| E. I. D Parry (India) Ltd | Date | 13 Dec 2023 | |
| 234, N.S.C Bose Road,Chennai,Tamil Nadu,600001 | Date of Start of Test | 08 Dec 2023 | |
| | Date of Completion of Test | 13 Dec 2023 | |
| | Customer Ref.No | Covering Letter | |
| Kind Attn : | Ref. Date | 11 Nov 2023 | |
| | Sampling Plan | Sampling done by the | |
| | | party | |

Sample Description : Seven Set of Samples is said to be of PP Woven Sack with Liner marked as below

Test Results

| Sr No. | Test | Unit | Results Obtained | Tested as per |
|--------|-------------------|---------|--------------------------|--|
| 1 | | | Sample-1 | |
| 1.1 | Ash content | % | Ave. 2.25 | Party's Request |
| 1.2 | Thickness | Micron | Ave. 25.00 | Party's Request |
| 1.3 | Weight | g | 28.00 | Party's request |
| 1.4 | Dimension (L X W) | mm | 930.00 x 620.00 | Party's request |
| 2 | | | Sample-2 | |
| 2.1 | Ash content | % | Ave. 2.32 | Party's Request |
| 2.2 | Thickness | Micron | Ave. 24.00 | Party's Request |
| 2.3 | Weight | g | 25.50 | Party's request |
| | | | | |
| J. | rry | | . Temia nical Officer | R. PON KUMAR DEPUTY DIRECTOR & REGIONAL OFFICER |
| T | ESTED BY | ASST./D | Y./JT. DIRECTOR | HEAD LABORATORIES DIVISION |

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Testing Laboratory of Indian Institute of Packaging, Chennai is certified/Approved/Accredited by ISO 9001: 2015, NABL (Vide Certificate No. 6659), Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified Tests.





Test Report No.: 200/11-2324/853

Form / Format No : 32 Page 2 of 3

Date: 13 Dec 2023

| Sr No. | Test | Unit | Results Obtained | Tested as per |
|--------|-------------------|--------------------|--------------------------|--|
| 2.4 | Dimension (L X W) | mm | 930.00 x 635.00 | Party's request |
| 3 | | | Sample-3 | |
| 3.1 | Ash content | % | Ave. 2.35 | Party's Request |
| 3.2 | Thickness | Micron | Ave. 22.00 | Party's Request |
| 3.3 | Weight | g | 28.00 | Party's request |
| 3.4 | Dimension (L X W) | mm 938.00 x 660.00 | | Party's request |
| 4 | | | Sample-4 | |
| 4.1 | Ash content | % | Ave. 2.24 | Party's Request |
| 4.2 | Thickness | Micron | Ave. 24.00 | Party's Request |
| 4.3 | Weight | g | 27.50 | Party's request |
| 4.4 | Dimension (L X W) | mm | 927.00 x 620.00 | Party's request |
| 5 | | | Sample-5 | |
| 5.1 | Ash content | % | Ave. 2.21 | Party's Request |
| 5.2 | Thickness | Micron | Ave. 22.00 | Party's Request |
| 5.3 | Weight | g | 24.50 | Party's request |
| 5.4 | Dimension (L X W) | mm | 915.00 x 665.00 | Party's request |
| 6 | | | Sample-6 | |
| J. | rri | | . Temia nical Officer | R. PON KUMAR DEPUTY DIRECTOR & REGIONAL OFFICER |

TESTED BY

Technical Officer

ASST./DY./JT. DIRECTOR

HEAD LABORATORIES DIVISION

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Testing Laboratory of Indian Institute of Packaging, Chennai is certified/Approved/Accredited by ISO 9001: 2015, NABL (Vide Certificate No. 6659), Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified Tests.

> Plot no. 169, Industrial Estate, 2nd Main Road, Burma Colony, Perungudi, Chennai-600096 Tel : 91- 044 - 2496 0730 / 2496 1560, Fax : 91-044 - 2496 1077 Email : iipchennai@iip-in.com, Website: iip-in.com Head Office: Plot E-2, Road No. 8, MIDC Area, Andheri(East), Mumbai 400093





Test Report No. : 200/11-2324/853

Form / Format No : 32

| | Date : 13 Dec 2023 | | | Page 3 of 3 | |
|--------|--------------------|--------|------------------|-----------------|--|
| Sr No. | Test | Unit | Results Obtained | Tested as per | |
| 6.1 | Ash content | % | Ave. 2.36 | Party's Request | |
| 6.2 | Thickness | Micron | Ave. 26.00 | Party's Request | |
| 6.3 | Weight | g | 24.00 | Party's request | |
| 6.4 | Dimension (L X W) | mm | 917.00 x 620.00 | Party's request | |
| 7 | | | Sample-7 | | |
| 7.1 | Ash content | % | Ave. 2.43 | Party's Request | |
| 7.2 | Thickness | Micron | Ave. 23.00 | Party's Request | |
| 7.3 | Weight | g | 24.50 | Party's request | |
| 7.4 | Dimension (L X W) | mm | 912.00 x 618.00 | Party's request | |

General Remarks

1. This test report cannot be reproduced except in full, without written approval of the laboratory. This is not applicable when part report is given due to failure of the machine or test in progress.

2. Sampling done by the party. The test samples are submitted by the client. The sample descriptions provided in the test report are based on declaration by the party.

3. This report pertains to the submitted samples only.

4. This report is Software Generated and Electronically authenticated. Please scan the QR code to verify the same.

J.Fr TESTED BY

Technical Officer

ASST./DY./JT. DIRECTOR

KUMAR **DEPUTY DIRECTOR & REGIONAL OFFICER**

HEAD LABORATORIES DIVISION

This report is for Private use only Not to be used for publicity or Litigation Testing Laboratory of Indian Institute of Packaging, Chennai is certified/Approved/Accredited by ISO 9001: 2015, NABL (Vide Certificate No. 6659), Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified Tests.

> Plot no. 169,Industrial Estate, 2nd Main Road, Burma Colony, Perungudi, Chennai-600096 Tel : 91- 044 - 2496 0730 / 2496 1560, Fax : 91-044 - 2496 1077 Email : iipchennai@iip-in.com, Website: iip-in.com Head Office: Plot E-2, Road No. 8, MIDC Area, Andheri(East), Mumbai 400093







Form / Format No : 32

Page 1 of 5

| Issued To : | Test Report No | 200/11-2324/788 |
|--|----------------------------|----------------------------|
| E. I. D Parry (India) Ltd | Date | 13 Dec 2023 |
| 234, N.S.C Bose Road,Chennai,Tamil Nadu,600001 | Date of Start of Test | 17 Nov 2023 13 Dec 2023 |
| | Date of Completion of Test | |
| | Customer Ref.No | Covering Letter |
| Kind Attn : | Ref. Date | 11 Nov 2023 |
| C/o S. Venkatsubramanian, | Sampling Plan | Sampling done by the |
| Packaging Consultant | | party |

Sample Description : Seven Set of Samples is said to be of PP Woven Sack with Liner marked as below

Test Results

| Sr No. | Test | Unit | Results Obtained | Tested as per |
|--------|---|---------------------|------------------|-------------------------|
| 1 | | | Sample-1 | |
| 1.1 | Ends and picks Ave | nos. | 42/43 | IS 14968: 2015 RA 2020 |
| 1.2 | Ash content Ave. | % | 5.42 | IS 14968 : 2015 RA2020 |
| 1.3 | Breaking Strength Ave (Dir I / Dir II) | kgf/ 70 mm width | 132.00 / 112.00 | IS 1969 - 2018 (Part1) |
| 1.4 | Capacity | kg | 50.00 | IS 14968 : 2015 RA2020 |
| 1.5 | Dimension (L X W) | mm | 890.00 x 602.00 | IS 14968 : 2015 RA 2020 |
| 1.6 | Elongation at break Ave (Dir I / Dir II) | %/ 70mm width | 24.46 / 24.07 | IS 1969 - 2018 (Part1) |
| 1.7 | Grammage Ave | g/m² | 110.57 | IS 1964: 2001 RA 2022 |
| 2 | | | Sample-2 | |
| | | | | |

J. FTTT

Technical Officer

R. PON KUMAR

DEPUTY DIRECTOR & REGIONAL OFFICER

ASST./DY./JT. DIRECTOR

HEAD LABORATORIES DIVISION

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Test Report No. : 200/11-2324/788

Date : 13 Dec 2023

Sr No. Test Unit **Results Obtained** Tested as per IS 14968: 2015 RA 2020 43/45 Ends and picks 2.1 nos. Ave 2.2 % 4.10 IS 14968 : 2015 RA2020 Ash content Ave 156.67 / 131.33 IS 1969 - 2018 (Part1) 2.3 **Breaking Strength** kaf/70 mm Ave (Dir I / Dir II) width 2.4 Capacity kg 50.00 IS 14968 : 2015 RA2020 895.00 x 610.00 IS 14968 : 2015 RA 2020 2.5 Dimension (L X W) mm Elongation at break %/70mm width 20.28/20.55 IS 1969 - 2018 (Part1) 2.6 Ave (Dir I / Dir II) 2.7 Grammage g/m² 110.46 IS 1964: 2001 RA 2022 Ave 3 Sample-3 44/44 3.1 Ends and picks nos. IS 14968: 2015 RA 2020 Ave 3.2 Ash content % 4.03 IS 14968 : 2015 RA2020 Ave 159.67 / 158.67 IS 1969 - 2018 (Part1) 3.3 **Breaking Strength** kgf Ave (Dir I / Dir II) 50.00 IS 14968 : 2015 RA2020 3.4 Capacity kg 898.00 x 585.00 IS 14968 : 2015 RA 2020 3.5 Dimension (L X W) mm %/ 70mm width 21.20/22.15 IS 1969 - 2018 (Part1) 3.6 Elongation at break Ave (Dir I / Dir II) 120.06 IS 1964: 2001 RA 2022 g/m² 3.7 Grammage Ave 4 Sample-4

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Test Report No. : 200/11-2324/788

Date : 13 Dec 2023

Sr No. Test Unit **Results Obtained** Tested as per IS 14968: 2015 RA 2020 45/44 4.1 Ends and picks nos. Ave 4.2 % 5.87 IS 14968 : 2015 RA2020 Ash content Ave 119.67 / 111.33 IS 1969 - 2018 (Part1) 4.3 **Breaking Strength** kaf/70 mm Ave (Dir I / Dir II) width 4.4 Capacity kg 50.00 IS 14968 : 2015 RA2020 893.00 x 595.00 IS 14968 : 2015 RA 2020 4.5 Dimension (L X W) mm Elongation at break %/70mm width 23.43 / 23.73 IS 1969 - 2018 (Part1) 4.6 Ave (Dir I / Dir II) 4.7 Grammage g/m² 115.28 IS 1964: 2001 RA 2022 Ave 5 Sample-5 45/42 5.1 Ends and picks nos. IS 14968: 2015 RA 2020 Ave 5.2 Ash content % 4.68 IS 14968 : 2015 RA2020 Ave 157.00 / 150.67 IS 1969 - 2018 (Part1) 5.3 **Breaking Strength** kgf Ave (Dir I / Dir II) 50.00 IS 14968 : 2015 RA2020 5.4 Capacity kg 887.00 x 595.00 IS 14968 : 2015 RA 2020 5.5 Dimension (L X W) mm %/ 70mm width 27.28/28.91 IS 1969 - 2018 (Part1) 5.6 Elongation at break Ave (Dir I / Dir II) 116.64 IS 1964: 2001 RA 2022 g/m² 5.7 Grammage Ave 6 Sample-6

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LABORATORY TEST REPORT

Test Report No. : 200/11-2324/788

Date : 13 Dec 2023

| Sr No. | Test | Unit | Results Obtained | Tested as per |
|--------|---|---------------|------------------|-------------------------|
| 6.1 | Ends and picks Ave | nos. | 42/43 | IS 14968: 2015 RA 2020 |
| 6.2 | Ash content Ave | % | 4.17 | IS 14968 : 2015 RA2020 |
| 6.3 | Breaking Strength Ave (Dir I / Dir II) | kgf | 125.67 /115.00 | IS 1969 - 2018 (Part1) |
| 6.4 | Capacity | kg | 50.00 | IS 14968 : 2015 RA2020 |
| 6.5 | Dimension (L X W) | mm | 882.00 x 593.00 | IS 14968 : 2015 RA 2020 |
| 6.6 | Elongation at break Ave (Dir I / Dir II) | %/ 70mm width | 22.49/27.97 | IS 1969 - 2018 (Part1) |
| 6.7 | Grammage Ave | g/m² | 111.83 | IS 1964: 2001 RA 2022 |
| 7 | | | Sample-7 | |
| 7.1 | Ends and picks Ave | nos. | 44/44 | IS 14968: 2015 RA 2020 |
| 7.2 | Ash content Ave | % | 4.81 | IS 14968 : 2015 RA2020 |
| 7.3 | Breaking Strength Ave (Dir I / Dir II) | kgf | 130.00 / 118.00 | IS 1969 - 2018 (Part1) |
| 7.4 | Capacity | kg | 50.00 | IS 14968 : 2015 RA2020 |
| 7.5 | Dimension (L X W) | mm | 902.00 x 596.00 | IS 14968 : 2015 RA 2020 |
| 7.6 | Elongation at break Ave (Dir I / Dir II) | %/ 70mm width | 20.32/23.95 | IS 1969 - 2018 (Part1) |
| 7.7 | Grammage Ave | g/m² | 114.92 | IS 1964: 2001 RA 2022 |



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