



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 20<sup>th</sup> 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 16<sup>th</sup> 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 16<sup>th</sup> 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 20<sup>th</sup> 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 20<sup>th</sup> 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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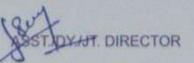
Page 1 of 4

Issued To :	Test Report No	200/01-20-21/247
E. I. D Parry (India) Ltd	Date	11 Jan 2021
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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Page 2 of 4

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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Form / Format No : 32 Page 3 of 4

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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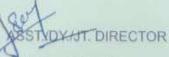
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Issued To :	Test Report No	200/01-20-21/245
E. I. D Parry (India) Ltd	Date	11 Jan 2021
3rd Floor, No. 234, Dare House, N.S.C. Bose Road, Parrys, Chennai,	Date of Start of Test	31 Dec 2020
Tamil Nadu,600001.	Date of Completion of Test	11 Jan 2021
	Customer 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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### Form / Format No : 32

Page 2 of 4

Test Report No. : 200/01-20-21/245 Date : 11 Jan 2021

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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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Date : 11 Jan 2021

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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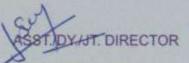
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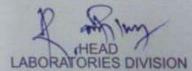
Issued To :	Test Report No	200/01-20-21/248
E. I. D Parry (India) Ltd 3rd Floor, No. 234, Dare House, N.S.C. Bose Road, Parrys, Chennai, Tamil Nadu,600001.	Date	11 Jan 2021
	Date of Start of Test	31 Dec 2020
	Date of Completion of Test	11 Jan 2021
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Kind 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-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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### LABORATORY TEST REPORT

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

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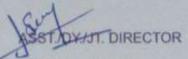
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Page 2 of 4

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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 <sup>2</sup>	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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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 : lipchennal@lip-in.com, Website : lip-in-com Head Office : Plot E-2, Road No. 8, MIDC Area, Andhen (East), Mumbai 400093

# No Better Living

# भारतीय पैकेर्जिंग संस्थान Indian Institute of Packaging

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

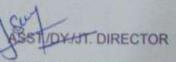
Form / Format No : 32

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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# भारतीय पेंकेर्जिंग संस्थान Indian Institute of Packaging



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### LABORATORY TEST REPORT

Form / Format No : 32

Page 1 of 4

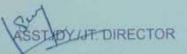
Issued To :	Test Report No	200/01-20-21/246	
E. I. D Parry (India) Ltd	Date	11 Jan 2021	
rd Floor, No. 234, Dare House, N.S.C.	Date of Start of Test	31 Dec 2020	
Bose Road, Parrys, Chennai. Tamil Nadu, 600001.	Date of Completion of Test	11 Jan 2021	
	Customer Ref.No	FF 04	
Kind Attn	Ref. Date	31 Dec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

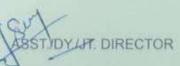
Form / Format No : 32

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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sting laboratories of Chennal are accreditated to NABL, Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified tes

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

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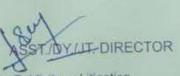
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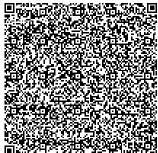
Page 4 of 4

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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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### 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. // <b>788</b> No. rough	Oth Date 13- Deli	<b>Dec-23</b> 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	<b>welv</b> Taxab			ntral Tax	C+	ate Tax	Total
			Value	e 🗌	Rate	Amount	Rate	Amount	Tax Amount
		Total:	43,40 <b>43,40</b>		9%	3,906.00 <b>3,906.00</b>	9%	3,906.0 <b>3,906.0</b>	
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 : : <b>SBI</b> :			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	<sup>33</sup> 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. <b>D. Parry (Indi</b>	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 <b>19,950</b>		9%	1,796.00 <b>1,796.00</b>	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 <b>13-Dec-23</b> Mode/Terms of Payment		
36		An Autonomous Body Under MOC		India <b>SI</b>	RC2324/81	18	13-De			
agin	<b>99</b>	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									
SI		Description of		HSN/SA	C GST	Quantity	Rate	per	Amount	
No.		Services			Rate					
1	Dimension		ç	998346	18 %	<b>7 No</b>	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>								
			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		<b>347.00</b>	970	<b>347.00</b>	<b>694.00</b>	
<b>-</b>	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 : <b>AAATI1545E</b>			′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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> 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

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> 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/m<sup>2</sup> 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/m<sup>2</sup> 3.7 Grammage Ave 4 Sample-4

TESTED BY

J. FF

Technical Officer

R. PON KUMAR

DEPUTY DIRECTOR & REGIONAL OFFICER

ASST./DY./JT. DIRECTOR

HEAD LABORATORIES DIVISION

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Form / Format No : 32 Page 2 of 5







### 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/m<sup>2</sup> 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/m<sup>2</sup> 5.7 Grammage Ave 6 Sample-6

J. F

Technical Officer

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Form / Format No : 32 Page 3 of 5







Form / Format No : 32 Page 4 of 5

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

Date: 13 Dec 2023

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J.Fr TESTED BY

Technical Officer

ASST./DY./JT. DIRECTOR

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Form / Format No : 32

Page 5 of 5