



Annex 16

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*

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 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;

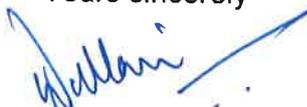
- D. It is submitted that the customers domestic or for exports have not complained or had any issue pertaining to strength of Ash content of the bags used for packing sugar, when the industry has been using 6% & higher ash content as a practice. We do not see the reason for ISMA to get a study conducted 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

LABORATORY TEST REPORT

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Page 1 of 4

Issued To : E. I. D Parry (India) Ltd 3rd Floor, No. 234, Dare House, N.S.C. Bose Road, Parrys., Chennai, Tamil Nadu, 600001.	Test Report No	200/01-20-21/247
	Date	11 Jan 2021
	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
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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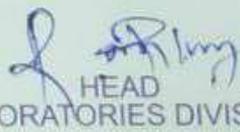
Date : 11 Jan 2021

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/dm ²	60 mg/L or 10 mg/dm ²	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 Not Complies

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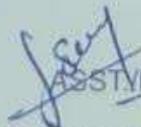
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Page 3 of 4

Sr No.	Test	CL.Ref	Unit	Requirement	Results Obtained	Remarks
17	Dimension					
	Length (Internal)	4.2, 5.1 and 5.2	mm	900+20	910.00	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	86.63	Complies
19	Breaking Strength Before UV Exposure Lengthwise	4.2, 5.1 and 5.2	Kgf	min. 91.80	137.13	Complies
20	Elongation at Break (After UV exposure for 192 h) Lengthwise	4.2, 5.1 and 5.2	%	min 50% of original value	17.87	Complies
21	Elongation at Break (Before UV Exposure) Lengthwise	4.2, 5.1 and 5.2	%	Min. 20	25.86	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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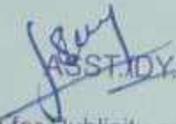
Page 4 of 4

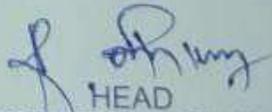
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Issued To : E. I. D Parry (India) Ltd 3rd Floor, No. 234, Dare House, N.S.C. Bose Road, Parrys, Chennai, Tamil Nadu, 600001. Kind Attn : C/o S. Venkatsubramanian, Packaging Consultant	Test Report No	200/01-20-21/245
	Date	11 Jan 2021
	Date of Start of Test	31 Dec 2020
	Date of Completion of Test	11 Jan 2021
	Customer Ref.No	FF 04
	Ref. Date	31 Dec 2020
	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

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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	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	Complies
10	Overall Migration (Extraction value) with distilled water at 40°C for 10 days	4.4	mg/dm ²	60 mg/L or 10 mg/dm ²	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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Form / Format No : 32

Date : 11 Jan 2021

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	940.00	Does Not 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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	Date	11 Jan 2021
	Date of Start of Test	31 Dec 2020
	Date of Completion of Test	11 Jan 2021
	Customer Ref.No	FF 04
	Ref. Date	31 Dec 2020
	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 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%	9.28	Does Not Complies

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Form / Format No : 32

Date : 11 Jan 2021

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	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/dm ²	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 Not Complies

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Page 3 of 4

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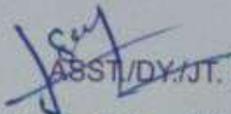
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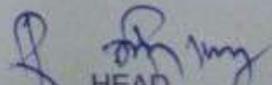
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4. This report is Software Generated and Electronically authenticated. Please scan the QR code to verify the same.

-----End of Test Report-----

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ASST/DY. JT. DIRECTOR


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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

LABORATORY TEST REPORT

Form / Format No : 32

Page 1 of 4

Issued To : E. I. D Parry (India) Ltd 3rd Floor, No. 234, Dare House, N.S.C. Bose Road, Parrys., Chennai, Tamil Nadu, 600001. Kind Attn : C/o S. Venkatsubramanian, Packaging Consultant	Test Report No	200/01-20-21/246
	Date	11 Jan 2021
	Date of Start of Test	31 Dec 2020
	Date of Completion of Test	11 Jan 2021
	Customer Ref.No	FF 04
	Ref. Date	31 Dec 2020
	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.		

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	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

Date : 11 Jan 2021

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	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 Not Complies
10	Overall Migration (Extraction value) with distilled water at 40°C for 10 days	4.4	mg/dm ²	60 mg/L or 10 mg/dm ²	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	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	14.00	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%	136.00	Does Not Complies

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LABORATORY TEST REPORT

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

Form / Format No : 32

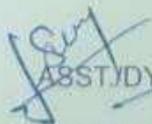
Date : 11 Jan 2021

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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LABORATORY TEST REPORT

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

Date : 11 Jan 2021

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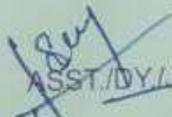
Page 4 of 4

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TAX INVOICE

e-Invoice



IRN : 7fa3314c84301714c784c7eddc373668a66c93ca712561e154d-6bb934480d761
 Ack No. : 152316506383278
 Ack Date : 13-Dec-23

	Indian Institute of Packaging An Autonomous Body Under MOCI Govt. of India Plot No.169, Industrial Estate Perungudi, Chennai - 600096 Tel No 044-24960730/1560 GSTIN/UIN: 33AAAT11545E1Z6 State Name : Tamil Nadu, Code : 33 E-Mail : iipchennai@iip-in.com	Invoice No.	Dated
		SRC2324/817	13-Dec-23
		Delivery Note	Mode/Terms of Payment
		Reference No. & Date.	Other References
Buyer (Bill to) E.I.D. Parry (India) Ltd. 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 GSTIN/UIN : 33AAACE0702C1ZO State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu		Buyer's Order No.	Dated
		200/11-2324/788	13-Dec-23
		Dispatch Doc No.	Delivery Note Date
		Dispatched through	Destination
		Terms of Delivery	

SI No.	Description of Services	HSN/SAC	GST Rate	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	1,100.00	No	7,700.00
5	Elongation at Break	998346	18 %	7 No	800.00	No	5,600.00
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
							43,400.00
Output CGST							3,906.00

continued to page number 2

TAX INVOICE(Page 2)

 <p>Indian Institute of Packaging An Autonomous Body Under MOCI Govt. of India Plot No.169, Industrial Estate Perungudi, Chennai - 600096 Tel No 044-24960730/1560 GSTIN/UIN: 33AAAT11545E1Z6 State Name : Tamil Nadu, Code : 33 E-Mail : iipchennai@iip-in.com</p>	Invoice No. SRC2324/817	Dated 13-Dec-23
	Delivery Note	Mode/Terms of Payment
	Reference No. & Date.	Other References
	Buyer's Order No. 200/11-2324/788	Dated 13-Dec-23
	Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination	
Terms of Delivery		

Buyer (Bill to)
E.I.D. Parry (India) Ltd.
 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS,
 CHENNAI, TAMIL NADU, 600001
 GSTIN/UIN : 33AAACE0702C1ZO
 State Name : Tamil Nadu, Code : 33
 Place of Supply : Tamil Nadu

SI No.	Description of Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
	Output SGST						3,906.00
	Bill Details: Agst Ref SRCRI2324/920 51,212.00 Dr						
Total							₹ 51,212.00

Amount Chargeable (in words) E. & O.E
Indian Rupees Fifty One Thousand Two Hundred Twelve Only

	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
	43,400.00	9%	3,906.00	9%	3,906.00	7,812.00
Total:	43,400.00		3,906.00		3,906.00	7,812.00

Tax Amount (in words) : **Indian Rupees Seven Thousand Eight Hundred Twelve Only**

Remarks:
 GTR REPORT 200/11-2324/788
 Company's PAN : **AAAT11545E**

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
 A/c Holder's Name :
 Bank Name : **SBI**
 A/c No. :
 Branch & IFS Code :

for Indian Institute of Packaging

 Authorised Signatory

TAX INVOICE

e-Invoice



IRN : a4111c5dc69b84e361275205c389a92c639934e8207c8f62c12-7b79549289ebe
 Ack No. : 152316505767640
 Ack Date : 13-Dec-23

	Indian Institute of Packaging An Autonomous Body Under MOCI Govt. of India Plot No.169, Industrial Estate Perungudi, Chennai - 600096 Tel No 044-24960730/1560 GSTIN/UIN: 33AAAT11545E1Z6 State Name : Tamil Nadu, Code : 33 E-Mail : iipchennai@iip-in.com	Invoice No.	Dated
		SRC2324/816	13-Dec-23
		Delivery Note	Mode/Terms of Payment
		Reference No. & Date.	Other References
Buyer (Bill to) E.I.D. Parry (India) Ltd. 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 GSTIN/UIN : 33AAACE0702C1ZO State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu		Buyer's Order No.	Dated
		200/11-2324/853	13-Dec-23
		Dispatch Doc No.	Delivery Note Date
		Dispatched through	Destination
		Terms of Delivery	

SI No.	Description of Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	Ash Content	998346	18 %	7 No	1,200.00	No	8,400.00
2	Caliper/Thickness	998346	18 %	7 No	550.00	No	3,850.00
3	Weight	998346	18 %	7 No	550.00	No	3,850.00
4	Dimension	998346	18 %	7 No	550.00	No	3,850.00
							19,950.00
Output CGST							1,796.00
Output SGST							1,796.00
Bill Details:							
Agst Ref SRCR2324/920 23,542.00 Dr							
Total							₹ 23,542.00

Amount Chargeable (in words) E. & O.E

Indian Rupees Twenty Three Thousand Five Hundred Forty Two Only

	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
	19,950.00	9%	1,796.00	9%	1,796.00	3,592.00
Total:	19,950.00		1,796.00		1,796.00	3,592.00

Tax Amount (in words) : **Indian Rupees Three Thousand Five Hundred Ninety Two Only**

Remarks:
 GTR REPORT : 200/11-2324/853
 Company's PAN : **AAAT11545E**

Company's Bank Details
 A/c Holder's Name :
 Bank Name : **SBI**
 A/c No. :
 Branch & IFS Code :

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Indian Institute of Packaging

 Authorised Signatory

TAX INVOICE

e-Invoice



IRN : 090eb18bf74c57b50f5d050b891578dcbdac6f700e3cd5f83f64-7f8df59fe45f
 Ack No. : 152316506383454
 Ack Date : 13-Dec-23

	Indian Institute of Packaging An Autonomous Body Under MOCI Govt. of India Plot No.169, Industrial Estate Perungudi, Chennai - 600096 Tel No 044-24960730/1560 GSTIN/UIN: 33AAAT11545E1Z6 State Name : Tamil Nadu, Code : 33 E-Mail : iipchennai@iip-in.com	Invoice No. SRC2324/818	Dated 13-Dec-23
	Buyer (Bill to) E.I.D. Parry (India) Ltd. 234, DARE HOUSE, N.S.C.BOSE ROAD, PARRYS, CHENNAI, TAMIL NADU, 600001 GSTIN/UIN : 33AAACE0702C1ZO State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu	Delivery Note Mode/Terms of Payment	Reference No. & Date. Other References
		Dispatch Doc No.	Delivery Note Date
		Dispatched through	Destination
		Terms of Delivery	

SI No.	Description of Services	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	Dimension	998346	18 %	7 No	550.00	No	3,850.00
	<i>Output CGST</i>						347.00
	<i>Output SGST</i>						347.00
	Bill Details:						
	Agst Ref SRCR12324/920	4,542.00	Dr				
	New Ref SRC2324/818	2.00	Dr				
	Total			7 No			₹ 4,544.00

Amount Chargeable (in words) E. & O.E
Indian Rupees Four Thousand Five Hundred Forty Four Only

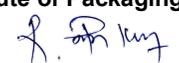
	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
	3,850.00	9%	347.00	9%	347.00	694.00
Total:	3,850.00		347.00		347.00	694.00

Tax Amount (in words) : **Indian Rupees Six Hundred Ninety Four Only**

Remarks:
 GTR REPORT : 200/11-2324/853
 Company's PAN : **AAAT11545E**

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details
 A/c Holder's Name :
 Bank Name : **SBI**
 A/c No. :
 Branch & IFS Code :

for Indian Institute of Packaging

 Authorised Signatory



LABORATORY TEST REPORT

Form / Format No : 32

Page 1 of 3

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

TESTED BY

K. Jania
Technical Officer

ASST./DY./JT. DIRECTOR

R. Pon Kumar
R. PON KUMAR
DEPUTY DIRECTOR & REGIONAL OFFICER

HEAD
LABORATORIES DIVISION

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LABORATORY TEST REPORT

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

Form / Format No : 32

Date : 13 Dec 2023

Page 2 of 3

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. J. T.

TESTED BY

K. Jania
Technical Officer

ASST./DY./JT. DIRECTOR

R. Pon Kumar
R. PON KUMAR
DEPUTY DIRECTOR & REGIONAL OFFICER

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LABORATORY TEST REPORT

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

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LABORATORY TEST REPORT

Form / Format No : 32

Page 1 of 5

Issued To : E. I. D Parry (India) Ltd 234, N.S.C Bose Road, Chennai, Tamil Nadu, 600001 Kind Attn : C/o S. Venkatsubramanian, Packaging Consultant	Test Report No	200/11-2324/788
	Date	13 Dec 2023
	Date of Start of Test	17 Nov 2023
	Date of Completion of Test	13 Dec 2023
	Customer Ref.No	Covering Letter
	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	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/m ²	110.57	IS 1964: 2001 RA 2022
2			Sample-2	

J. R. J.

TESTED BY

K. Jania
Technical Officer

ASST./DY./JT. DIRECTOR

R. Pon Kumar
R. PON KUMAR
DEPUTY DIRECTOR & REGIONAL OFFICER

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LABORATORY TEST REPORT

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

Form / Format No : 32

Date : 13 Dec 2023

Page 2 of 5

Sr No.	Test	Unit	Results Obtained	Tested as per
2.1	Ends and picks Ave	nos.	43/45	IS 14968: 2015 RA 2020
2.2	Ash content Ave	%	4.10	IS 14968 : 2015 RA2020
2.3	Breaking Strength Ave (Dir I / Dir II)	kgf/ 70 mm width	156.67 / 131.33	IS 1969 - 2018 (Part1)
2.4	Capacity	kg	50.00	IS 14968 : 2015 RA2020
2.5	Dimension (L X W)	mm	895.00 x 610.00	IS 14968 : 2015 RA 2020
2.6	Elongation at break Ave (Dir I / Dir II)	%/ 70mm width	20.28/20.55	IS 1969 - 2018 (Part1)
2.7	Grammage Ave	g/m ²	110.46	IS 1964: 2001 RA 2022
3			Sample-3	
3.1	Ends and picks Ave	nos.	44/44	IS 14968: 2015 RA 2020
3.2	Ash content Ave	%	4.03	IS 14968 : 2015 RA2020
3.3	Breaking Strength Ave (Dir I / Dir II)	kgf	159.67 / 158.67	IS 1969 - 2018 (Part1)
3.4	Capacity	kg	50.00	IS 14968 : 2015 RA2020
3.5	Dimension (L X W)	mm	898.00 x 585.00	IS 14968 : 2015 RA 2020
3.6	Elongation at break Ave (Dir I / Dir II)	%/ 70mm width	21.20/22.15	IS 1969 - 2018 (Part1)
3.7	Grammage Ave	g/m ²	120.06	IS 1964: 2001 RA 2022
4			Sample-4	

J. J. J.

TESTED BY

K. Jania
Technical Officer

ASST./DY./JT. DIRECTOR

R. Pon Kumar
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LABORATORY TEST REPORT

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

Form / Format No : 32

Date : 13 Dec 2023

Page 3 of 5

Sr No.	Test	Unit	Results Obtained	Tested as per
4 . 1	Ends and picks Ave	nos.	45/44	IS 14968: 2015 RA 2020
4 . 2	Ash content Ave	%	5.87	IS 14968 : 2015 RA2020
4 . 3	Breaking Strength Ave (Dir I / Dir II)	kgf/ 70 mm width	119.67 / 111.33	IS 1969 - 2018 (Part1)
4 . 4	Capacity	kg	50.00	IS 14968 : 2015 RA2020
4 . 5	Dimension (L X W)	mm	893.00 x 595.00	IS 14968 : 2015 RA 2020
4 . 6	Elongation at break Ave (Dir I / Dir II)	%/ 70mm width	23.43 / 23.73	IS 1969 - 2018 (Part1)
4 . 7	Grammage Ave	g/m ²	115.28	IS 1964: 2001 RA 2022
5			Sample-5	
5 . 1	Ends and picks Ave	nos.	45/42	IS 14968: 2015 RA 2020
5 . 2	Ash content Ave	%	4.68	IS 14968 : 2015 RA2020
5 . 3	Breaking Strength Ave (Dir I / Dir II)	kgf	157.00 / 150.67	IS 1969 - 2018 (Part1)
5 . 4	Capacity	kg	50.00	IS 14968 : 2015 RA2020
5 . 5	Dimension (L X W)	mm	887.00 x 595.00	IS 14968 : 2015 RA 2020
5 . 6	Elongation at break Ave (Dir I / Dir II)	%/ 70mm width	27.28/28.91	IS 1969 - 2018 (Part1)
5 . 7	Grammage Ave	g/m ²	116.64	IS 1964: 2001 RA 2022
6			Sample-6	

J. J. J.

TESTED BY

K. Jania
Technical Officer

ASST./DY./JT. DIRECTOR

R. Pon Kumar
R. PON KUMAR
DEPUTY DIRECTOR & REGIONAL OFFICER

HEAD
LABORATORIES DIVISION

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LABORATORY TEST REPORT

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

Form / Format No : 32

Date : 13 Dec 2023

Page 4 of 5

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/m ²	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/m ²	114.92	IS 1964: 2001 RA 2022

J. J. J.

TESTED BY

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Page 5 of 5

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TESTED BY

Technical Officer

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