

TEST REPORT

Report No. : MAN:HL:1248002737

DATE :27th April, 2021



PASHUPATI POLYTEX PRIVATE LIMITED
 VILLAGE-HARIYAWALA, HARIYAWALA-KUNDA ROAD
 KASHIPUR-244713, UTTARAKHAND
 INDIA
CONTACT PERSON : NITIN AGARWAL

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

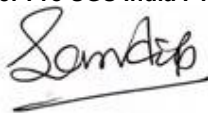
SAMPLE DESCRIPTION SHEET
COLOUR TRANSPARENT
COUNTRY OF ORIGIN INDIA
SAMPLE RECD ON 09/04/2021
TEST PERFORMING DATE 12/04/2021 TO 26/04/2021

SUMMARY OF TEST RESULTS:

TEST REQUESTED	CONCLUSION
1. COMMISSION REGULATION (EU) NO 10/2011	--
a) SPECIFIC MIGRATION OF PRIMARY AROMATIC AMINE	PASS
b) SPECIFIC MIGRATION OF HEAVY METALS	PASS
2 US FDA 21 CFR 177.1630 (POLY-ETHYLENE PHTHALATES) (FOR REPEATED USE)- DETERMINATION OF TOTAL EXTRACTIVES.	PASS

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S)

Per Pro SGS India Pvt. Ltd.



SANDIP BHUSHAN (Technical Manager)
Authorized Signatory

Email your Test Report Related Enquiries at Feedback.HLT@sgs.com



TEST RESULTS:-

1. EUROPEAN COMMISSION REGULATION (EU) NO 10/2011 AND ITS AMENDMENT (EU) 2020/1245 REGULATION:

a) SPECIFIC MIGRATION OF PRIMARY AROMATIC AMINE:

Method: With reference to EN13130-1:2004 and EU JRC guideline EUR 24815 EN 2011. Analysis was performed by LC-MS/MS.

Simulant Used: 3% Acetic Acid (w/v) in aqueous solution

Test Condition: 40°C for 10 Days (1st Migration)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1 st Migration		
Primary Aromatic Amine	ND	0.002	0.01
Comment	PASS	--	--

Tested Item: SHEET

Note :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 and its amendment (EU) 2020/1245 Regulation.
3. Test condition & simulant were specified by the client's.

TEST REPORT

Report No. : MAN:HL:1248002737

DATE :27th April, 2021



b) SPECIFIC MIGRATION OF HEAVY METALS:-

Method: With reference to EN 13130-1:2004. Analysis was performed by ICP-MS / ICP-OES.

Simulant Used: 3% Acetic Acid (w/v) in aqueous solution

Test Condition: 40°C for 10 Days (1st Migration)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Aluminium	Not Detected	0.1	1
Specific Migration of Antimony	Not Detected	0.01	0.04
Specific Migration of Arsenic	Not Detected	0.01	0.01
Specific Migration of Barium	Not Detected	0.25	1
Specific Migration of Cadmium	Not Detected	0.002	0.002
Specific Migration of Chromium	Not Detected	0.01	0.01
Specific Migration of Cobalt	Not Detected	0.01	0.05
Specific Migration of Copper	Not Detected	0.25	5
Specific Migration of Iron	Not Detected	0.25	48
Specific Migration of Lead	Not Detected	0.01	0.01
Specific Migration of Lithium	Not Detected	0.5	0.6
Specific Migration of Manganese	Not Detected	0.25	0.6
Specific Migration of Mercury	Not Detected	0.01	0.01
Specific Migration of Nickel	Not Detected	0.01	0.02
Specific Migration of Zinc	Not Detected	0.5	5
Specific Migration of Europium	Not Detected	0.01	0.05
Specific Migration of Gadolinium	Not Detected	0.01	
Specific Migration of Lanthanum	Not Detected	0.01	
Specific Migration of Terbium	Not Detected	0.01	
Conclusion	Pass	--	--

Test Item	Result 1 (mg/kg)	Reporting Limit (mg/kg)
	1 st Migration	
Specific Migration of Calcium	ND	1
Specific Migration of Magnesium	ND	1
Specific Migration of Potassium	ND	1
Specific Migration of Sodium	ND	1

Tested Item: SHEET

Note :-

1. mg/kg= milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 and its amendment (EU) 2020/1245 Regulation.
4. Test condition simulant & test elements were specified by client.

TEST REPORT

Report No. : MAN:HL:1248002737

DATE :27th April, 2021



2. US FDA 21 CFR 177.1630 (Poly-Ethylene Phthalates) (For repeated use)- Determination of Total Extractives:

Method: With ref. to US FDA 21 CFR 177.1630

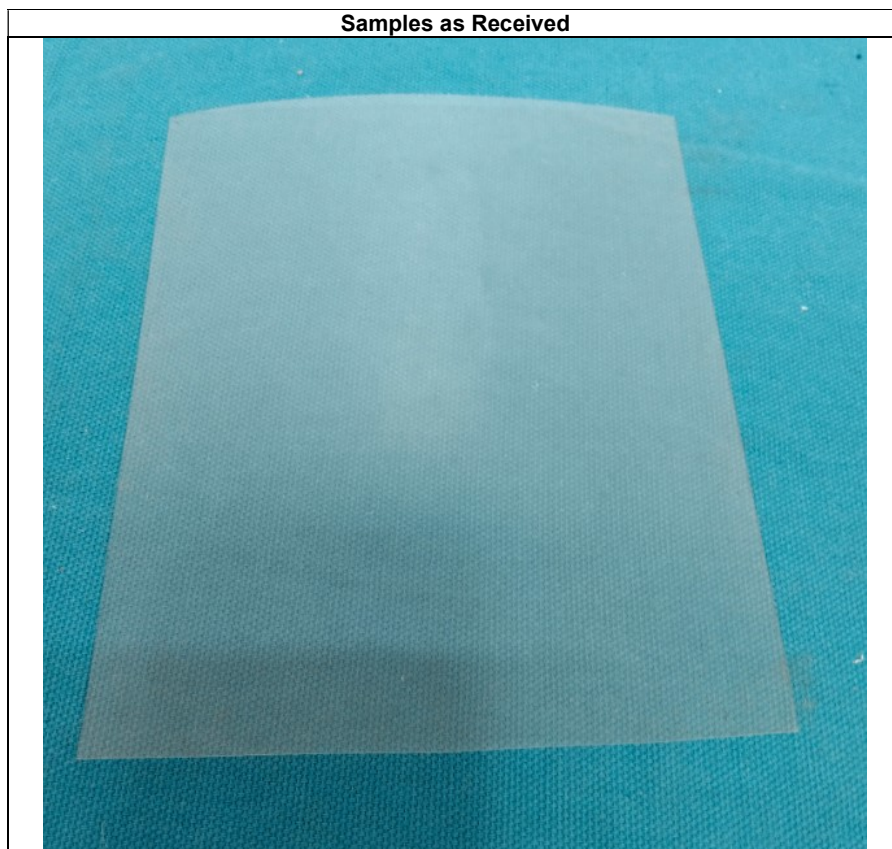
For PET fabric (21 CFR 177.1630(i))

Extractants	Test Condition	Results (mg/inch ²)	Reporting Limit (mg/inch ²)	Requirement (mg/inch ²)
Distilled water	212°F for 2 hours	ND	0.1	0.2
50% Ethanol	120°F for 24 hours	ND	0.1	0.2
n-Heptane	150°F for 2 hours	ND	0.1	0.2
Conclusion	--	Pass	--	--

Tested Item: SHEET

Note:

- mg/inch²=milligram per inch square
- ND=Not Detected
- Above all testing has been subcontracted to SGS Gurugram lab.
- Above all testing has been performed as per client's request.



***** END OF REPORT*****