

Test Report

Report No : TUV(I)/1481/24-25/0042406362

Date : 29 May 2024

Name and address of customer : **Hindalco Industries Ltd
One Unity Centre, Tower- 4, 21st Floor, Prabhadevi, Near Prabhadevi
Railway Station, Senapati Bapat Marg, Mumbai,
Mumbai
Pincode-400013**

Name of the sample : **Aluminium Foil - Freshwrap - 11 Micron**

REG No. : **1481/24-25**

CA No. : **0042406362**

Batch No./ Code no. : **-**

Date of sample receipt : **12 Apr 2024**

Date(s) of analysis : **25 Apr 2024 - 29 May 2024**

Sample drawn by : Customer

Result Summary :	Test Requested	Conclusion
	OTR & WVTR	-

Water Vapour Transfer Rate & Oxygen Transfer Rate

Sr. No.	Name of Analyte	Result	Unit	Test Conditions	Test Method
1	Water Vapour Transfer Rate	0.1381	gm/m ² /day	Room Temp.: 23 deg C Test Mode : Cyclic Test Temp. : 38 deg C Test RH : 90% Conditioning Time : 2 Hrs. Test Area : 50 cm ² Thickness : 11	ASTM F 1249
2	Oxygen Transfer Rate	0.4535	cm ³ /m ² .day	Room Temp.: 23 deg C Test Mode : Cyclic Test Temp. : 23 deg C Test RH : 0% Conditioning Time : 2 Hrs. Test Area : 50 cm ² Thickness : 11	ASTM D 3985

Note : Above tests are subcontracted


Authorized by
Amit Madhukar Kulkarni
Sr. Manager - Lab Operations

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One Unity Centre, Tower- 4, 21st Floor, Prabhadevi, Near Prabhadevi
Railway Station, Senapati Bapat Marg, Mumbai,
Mumbai
Pincode-400013**

Name of the sample : **Aluminium Foil - Freshwrap International - 18 Micron**

REG No. : **1481/24-25**

CA No. : **0042406363**

Batch No./ Code no. : **-**

Date of sample receipt : **12 Apr 2024**

Date(s) of analysis : **25 Apr 2024 - 29 May 2024**

Sample drawn by : Customer

Result Summary :	Test Requested	Conclusion
	OTR & WVTR	-

Water Vapour Transfer Rate & Oxygen Transfer Rate

Sr. No.	Name of Analyte	Result	Unit	Test Conditions	Test Method
1	Water Vapour Transfer Rate	0.1226	gm/m ² /day	Room Temp.: 23 deg C Test Mode : Cyclic Test Temp. : 38 deg C Test RH : 90% Conditioning Time : 2 Hrs. Test Area : 50 cm ² Thickness : 25	ASTM F 1249
2	Oxygen Transfer Rate	>200	cm ³ /m ² .day	Room Temp.: 23 deg C Test Mode : Cyclic Test Temp. : 23 deg C Test RH : 0% Conditioning Time : 2 Hrs. Test Area : 50 cm ² Thickness : 25	ASTM D 3985

Note : Above tests are subcontracted


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Amit Madhukar Kulkarni
Sr. Manager - Lab Operations

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