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Lidding Foil

Jindal Aluminium Limited

Technical Data Sheet

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1	Product Name:	Printed Aluminum Blister Lidding Foil
2	Product Code:	JAL8011
3	Alloy:	8011, Hard Temper
4	Document No.:	TDS-JAL-BLF-8011-v2.0
5	Effective Date:	01-Jan-2024

	≡ Parameter	≡ Specification	≡ Test Method
1	Appearance	Bright on one side, dull on the other. Surface must be free from scratches, pinholes, and foreign matter.	Visual Inspection
2	Identification (Alloy)	Must conform to the elemental composition of Alloy 8011.	X-Ray Fluorescence (XRF)
3	Thickness (Foil)	$20 \mu\text{m} \pm 5\% (19 \mu\text{m} - 21 \mu\text{m})$	In-house Micrometer
4	Heat Seal Lacquer (HSL) Coating Weight	$4.0 - 6.0 \text{ g/m}^2$	In-house Gravimetric
5	Print Quality	Text must be 100% accurate to the approved artwork file. Colors must match Pantone specifications. Print must be smudge-proof.	Visual & Scanner
6	Porosity (Pinholes)	Not More Than 1 pinhole per m^2	Pinhole Detection Test
7	Bond Strength (Seal Test)	$\geq 7.5 \text{ N} / 15 \text{ mm}$	In-house Seal Strength Test