



Technical Data Sheet (Provisional)

METALLIZED CPP FILM – HIGH BARRIER (JCH1-MDHB)

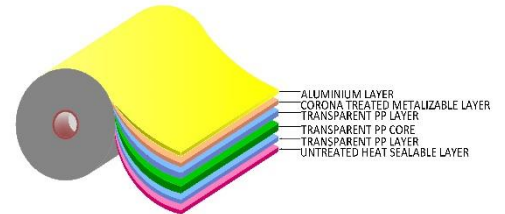
Description

It is a co-extruded, one side Heat Sealable, Other side vacuum deposited aluminum, high barrier Cast Polypropylene (CPP) Film.

- Excellent barrier properties (Gas, moisture & light)
- Low SIT in comparison with normal metallised CPP film
- Heat sealable on the non-metallised surface with excellent hot tack
- High seal strength

Applications

- Packaging & conversion – Chips, snacks & bakery products
- Typically laminated on the metallised side with PET/BOPP
- Suitable for gas (N2) flush packaging.



Typical Properties

PROPERTIES	TEST METHOD	UNIT	JCH1-MDHB
Thickness (± 5%)	ASTM D-374	Micron	25
Grammage	JPFTM	gm/m ²	22.7
Yield	JPFTM	m ² /kg	44.0
Optical Density (± 0.2)	JPFTM	-	2.4
Wettability	ASTM D – 2578	Dyne/cm	36
Coefficient of Friction – Max. (Untreated / Untreated)	ASTM D 1894	Kinetic (UT/UT)	0.50 - 0.60
Tensile Strength MD	ASTM D-882	kg/cm ²	500 - 600
TD			
Elongation at break MD	ASTM D-882	%	500 - 600
TD			
Seal Initiation Temperature	JPFTM	°C	110
Sealing Strength at 120 ^o C / 2 Bar / 1 Sec (min)	JPFTM	gm/25 mm	1500
Water Vapor Transmission Rate	ASTM E-398	gm/ m ² /24h	0.30
Oxygen Gas Transmission Rate	ASTM D-3985	cc/m ² /24h	30

JPFTM: JINDAL POLY FILMS TEST METHOD, MD: MACHINE DIRECTION, TD: TRANSVERSE DIRECTION, UT: UN-TREATED

Storage & Handling

Jindal CPP film does not require special storage conditions. A storage temperature between 20°C to 30°C is recommended to avoid any deterioration of the film surface properties. It is advisable the inventory turnover according to the delivery dates. The film should be conditioned at room temperature for at least 24 hours before use. Jindal CPP is suitable for use up to 3 months from date of dispatch.

Food Contact

The film complies with EU and FDA regulations. Specific document and MSDS are available on request.

The values provided in the Technical Data Sheet are typical performance data and are believed to be accurate. These are given in good faith, but users are advised to conduct their own tests on representative samples and not on the actual product dispatched. JINDAL POLY FILMS LIMITED doesn't guarantee or warranty typical values and fitness for its use for a specific purpose. The user is solely responsible for all determinations by the application of this information or the safety and suitability of our products, either alone or in combination with other products.

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