



JINDAL POLY FILMS LTD

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Technical Data Sheet (Provisional)

METALLIZED CPP FILM (JCH1 – MD)

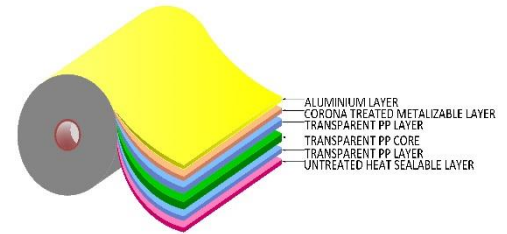
Description

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

- Good barrier properties
- Brilliant metal appearance
- High seal strength
- Heat sealable on the non-metallised surface with excellent hot tack

Applications

- Packaging & conversion
- Typically laminated on the metallised side with BOPP
- Candy packaging



Typical Properties

PROPERTIES		TEST METHOD	UNIT	JCH1 - MD		
Thickness (± 5%)		JPFTM	Micron (Gauge)	20	22	25
				80	88	100
Grammage		JPFTM	gm/m ²	18.2	20.0	22.7
Yield		JPFTM	m ² / kg	54.9	50.0	44.0
Optical Density (± 0.2)		JPFTM	-	2.2	2.2	2.2
Wettability (min)		ASTM D -2578	Dyne/cm	36		
Tensile strength	MD	ASTM D 882	Kg/cm ²	450 - 650		
	TD			200 - 300		
Elongation	MD	ASTM D 882	%	450 - 600		
	TD			550 - 650		
Coefficient of Friction (Film / Metal)	Kinetic	ASTM D 1894		0.40 – 0.50		
Seal Initiation Temperature		JPFTM	°C	120		
Seal strength @125°C/2 Bar /1 Sec (min)		JPFTM	gm/25 mm	1200	1400	1600
VTR (38°C & 90% RH)		ASTM D1249	g / m ² /day	< 1.2		
OTR (23°C & 0% RH)		ASTM D 3985	cc/ m ² /day	< 150		

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.

Last Update: 03/02/2018

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