



JINDAL POLY FILMS LTD

HEAD OFFICE:
Plot No. 2, Sector B1, Local Shopping
Complex, Vasant Kunj, New Delhi - 110070
Phone No: +91 11 26139256 - 265 Fax No: +91 11 26125739
Website: www.jindalgroup.com

Technical Data Sheet (Provisional)

CPP FILM – Base Film for metallization (JCTH1-MZ)

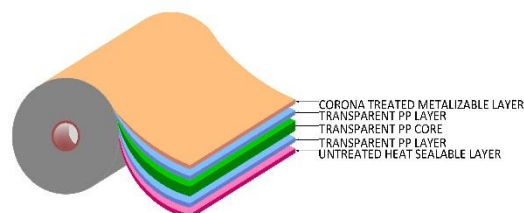
Description

It is a co-extruded Transparent, one side Heat Sealable, other Side Corona Treated for metallization, Cast Polypropylene (CPP) Film.

- Excellent Machinability
- Excellent Sealing strength
- Superior metal anchorage

Applications

- Base film for metallization,
- Surface Printable after metallization.



Typical Properties

PROPERTIES	TEST METHOD	UNIT	JCTH1-MZ					
Thickness (± 5%)	ASTM D-374	Micron	20	22	25	30	35	50
Grammage	JPFTM	gm/m ²	18.2	20.0	22.7	27.3	31.8	45.5
Yield	JPFTM	m ² /kg	54.9	50.0	44.0	36.6	31.4	21.9
Treatment	ASTM D-2578	dynes/cm	38					
Coefficient of Friction - Max. (Untreated / Untreated)	ASTM D-1894	Kinetic (UT/UT)	0.30 – 0.40					
Haze	ASTM D-1003	%	3.0	3.0	3.0	4.5	5.0	6.5
Gloss at 45° angle	ASTM D-2457	%	80	80	80	75	70	70
Tensile Strength MD	ASTM D-882	kg/cm ²	500 - 600					
TD			200 - 250					
Elongation at break MD	ASTM D-882	%	450 - 550					
TD			600 - 700					
Seal Initiation Temperature	JPFTM	°C	118					
Sealing Strength at 120°C / 2 Bar / 1 Sec (min)	JPFTM	gm/25 mm	1200	1400	1600	1800	2000	2000
Water Vapor Transmission Rate	ASTM E-398	gm/ m ² /24h	14	14	12	10	10	7
Oxygen Gas Transmission Rate	ASTM D-3985	cc/m ² /24h	3700	3600	3600	3550	3550	3500

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

WORKS: 28 - KM, Stone, Nashik - Igatpuri Road, Village: Mundegaon, Maharashtra
 Phone: + 91 2553-229100, 231002 / 3 / 5 Fax: + 91 2553 231004