

JINDAL POLY FILMS LTD.



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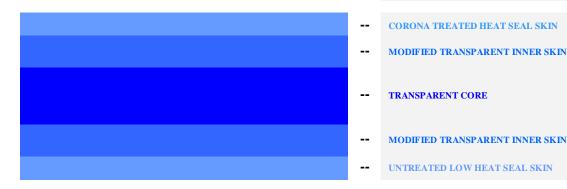
Website: www.jindalpoly.com

TECHNICAL DATA SHEET OPP FILMS

TRANSPARENT LOW HEAT SEALABLE LOW HAZE ONE SIDE CORONA TREATED

JS15/18/20/25/30/35/40H1-LH

STRUCTURAL CONFIGURATION



APPLICATIONS:

LOW HEAT SEALABLE, LOW HAZE, ONE SIDE CORONA TREATED FILM FOR SINGLE / TWO PLY PACKAGING STRUCTURE FOR HIGH SPEED PACKAGING APPLICATIONS

DESCRIPTION:

Transparent Low Haze Low Heat Sealable One Side Corona Treated OPP Film with Excellent Optical Properties, Slip and Antistatic Properties for Single / Two Ply Laminate for High Speed Packaging Application. The corona treated side is specifically designed for excellent adhesion of inks and lamination adhesive during conversion. Both the sides exhibit very high hot-tack and seal strength.

SALIENT FEATURES:

- Low Haze
- Very High Hot-Tack and Seal Strength
- High Surface Gloss and Transparency
- Very Good Barrier Properties
- Excellent Slip and Antistatic Properties
- Excellent Surface Treatment Retention
- Excellent Adhesion of Inks and Adhesive on Treated Side
- Excellent Machinability
- Excellent Mechanical Properties
- Excellent Dimensional Stability



TECHNICAL DATA SHEET

374 Grammage JPFTM gm/m² 13.7 16.4 1	18.2 2	25 22.7 44.0	30 27.3	35	40
374 374 Grammage JPFTM gm/m² 13.7 16.4 1 Yield JPFTM m²/kg 73.0 60.9 5	18.2 2	22.7		35	40
Yield JPFTM m²/kg 73.0 60.9 5			27.3	———+	
	55.0	44.0		31.8	36.4
Surface	ı		36.6	31.4	27.4
Surface			•		
Treatment Level (Min) ASTM dyne/cm 39 39 D2578	39	39	39	39	39
Optical					
Haze (Max) ASTM % 1.3 1.3	1.3	1.4	1.4	1.5	1.6
Gloss (Min) at 45° Angle ASTM - 90 90 D2457	90	90	90	90	90
MECHANICAL					
Coefficient of Friction (Max)	0.40	0.40	0.40	0.40	0.40
1894	0.38	0.38	0.38	0.38	0.38
Tensile Strength (Min) ASTM D	1300 1	1300	1300	1300	1300
902	2700 2	2700	2700	2700	2700
Modulus (Min) ASTM D	8000 18	8000	18000	18000	18000
OOO kalom²	28000 28	8000	28000	28000	28000
Florgation (Max)	190	190	190	190	190
1 000 %	70	70	70	70	70
THERMAL	1	•	•		
IDETM	4.0	3.5	3.5	3.5	3.5
1 100 0 1 5	2.0	1.5	1.5	1.5	1.5
Seal Initiation Temperature (Max) JPFTM °C 105 105	105	105	105	105	105
Sealing Strength (Min) JPFTM gms/25mm 400 425 at 120 C / 2 Bar / 1 Sec 400 425 400	450	475	500	525	550
BARRIER	<u>, </u>		<u> </u>	<u> </u>	
Water Vapour Transmission Rate ASTM E gm/ m²/24h 7.0 6.5	6.0	5.0	4.0	3.0	2.5
Oxygen Gas Transmission Rate ASTM D cc/m²/24h 2000 1850 1	1800 1	1700	1600	1500	1450

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.

Storage & Handling:

It is a fact that dyne level decays over time in BOPP films and the decay is further aggravated with extreme environmental conditions. If film rolls are to be stored for a long time, it is preferable to maintain a constant, preferably low temperature (below 30°C) and a low humidity (below 70% RH) to maximize shelf life of the product & to minimize dyne level decay.