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**TECHNICAL DATA SHEET
OPP FILMS**

**TRANSPARENT NON HEAT SEALABLE ONE
SIDE CORONA TREATED**

JS25/30/33/35/38/40/45N1-BG

STRUCTURAL CONFIGURATION



-- CORONA TREATED SKIN

-- TRANSPARENT CORE

-- UNTREATED SKIN

APPLICATIONS :

TEXTILE BAG APPLICATION

DESCRIPTION :

Transparent, Non Heat Sealable, One Side Corona Treated, High Glossy OPP Film for use in Textile Bag Application. The corona treated side is specifically designed for surface printing and excellent anchorage of inks. Film is designed for excellent machinability during printing and bag making process.

SALIENT FEATURES :

- High Surface Gloss
- Excellent Clarity
- Excellent Surface Treatment Retention
- Excellent Anchorage of Inks on Treated Side
- Excellent Machinability,
- Excellent Mechanical Properties
- Excellent Dimensional Stability

TECHNICAL DATA									
PROPERTIES	TEST METHOD	UNIT	JS25N1-BG	JS30N1-BG	JS33N1-BG	JS35N1-BG	JS38N1-BG	JS40N1-BG	JS45N1-BG
PHYSICAL									
Thickness	ASTM D 374	Micron	25	30	33	35	38	40	45
Grammage	JPFTM	gm/m ²	22.7	27.3	30.0	31.8	34.6	36.4	41.0
Yield	JPFTM	m ² /kg	44.0	36.6	33.3	31.4	28.9	27.5	24.4
SURFACE									
Treatment Level (Min)	ASTM D 2578	dyne/cm	38	38	38	38	38	38	38
OPTICAL									
Haze (Max)	ASTM D 1003	%	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Gloss (Min) at 45° Angle	ASTM D 2457	-	95	95	95	95	95	95	95
MECHANICAL									
Coefficient of Friction (Max)	ASTM D 1894	Static	0.45	0.45	0.45	0.45	0.45	0.45	0.45
		Kinetic	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Tensile Strength (Min)	ASTM D 882	kg/cm ²	MD	1400	1400	1400	1400	1400	1400
			TD	2500	2500	2500	2500	2500	2500
Modulus (Min)	ASTM D 882	kg/cm ²	MD	18000	18000	18000	18000	18000	18000
			TD	28000	28000	28000	28000	28000	28000
Elongation (Max)	ASTM D 882	%	MD	150	150	150	150	150	150
			TD	50	50	50	50	50	50
THERMAL									
Shrinkage (Max) at 120°C / 5 min	JPFTM	%	MD	3.5	3.5	3.5	3.5	3.5	3.5
			TD	1.5	1.5	1.5	1.5	1.5	1.5
Seal Initiation Temperature (Max)	JPFTM	°C	-	-	-	-	-	-	-
Sealing Strength (Min) at 120°C / 2 Bar	JPFTM	gms/25mm	-	-	-	-	-	-	-
BARRIER									
Water Vapour Transmission Rate	ASTM E 398	gm/m ² /24h	-	-	-	-	-	-	-
Oxygen Gas Transmission Rate	ASTM D 3985	cc/m ² /24h	-	-	-	-	-	-	-

The values given in this technical datasheet are typical performance data and are believed to be accurate. These are given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. JINDAL POLY FILMS LIMITED suggests the customer to confirm these values and product compatibility prior to their use and the company offers neither guarantee nor accept any responsibility for the fitness of the product for any particular use.