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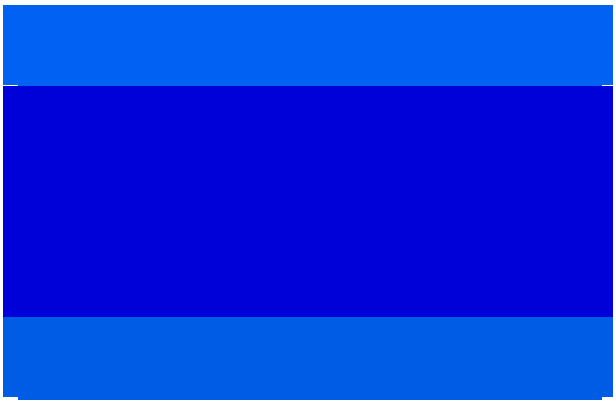
TECHNICAL DATA SHEET OPP FILMS

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 SHEET

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	ASTM D 2578	dyne/cm	38	38	38	38	38	38	38
OPTICAL									
Haze	ASTM D 1003	%	1.5	1.5	1.6	1.6	1.6	1.7	1.7
Gloss at 45° Angle	ASTM D 2457	-	94	94	94	94	94	94	94
MECHANICAL									
Coefficient of Friction – Max (Untreated / Untreated)	ASTM D 1894	Kinetic	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Tensile Strength	ASTM D 882	kg/cm^2 MD	1300	1300	1300	1300	1300	1300	1300
		kg/cm^2 TD	2800	2800	2800	2800	2800	2800	2800
Modulus	ASTM D 882	kg/cm^2 MD	18000	18000	18000	18000	18000	18000	18000
		kg/cm^2 TD	28000	28000	28000	28000	28000	28000	28000
Elongation	ASTM D 882	% MD	185	185	185	185	185	185	185
		% TD	60	60	60	60	60	60	60
THERMAL									
Shrinkage at 120°C / 5 min	JPFTM	% MD	3.5	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	1.5
Seal Initiation Temperature	JPFTM	°C	-	-	-	-	-	-	-
Sealing Strength at 120°C / 2 Bar	JPFTM	gms/25mm	-	-	-	-	-	-	-
BARRIER									
Water Vapour Transmission Rate	ASTM E398	gm/m^2/24h	-	-	-	-	-	-	-
Oxygen Gas Transmission Rate	ASTM D3985	cc/m^2/24h	-	-	-	-	-	-	-

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.

JPFTM : JINDAL POLY FILMS TEST METHOD, MD : MACHINE DIRECTION, TD : TRANSVERSE DIRECTION