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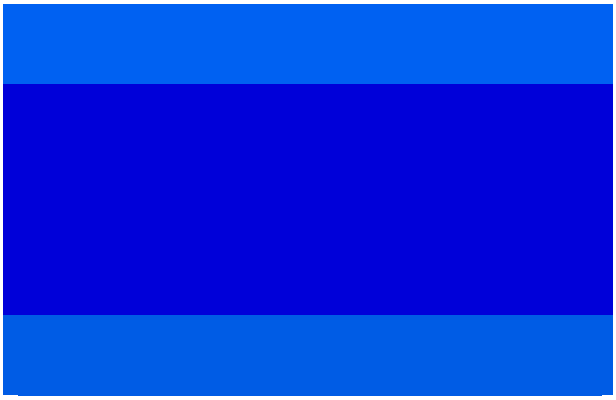
TECHNICAL DATA SHEET
OPP FILMS

TRANSPARENT NON HEAT SEALABLE ONE SIDE CORONA TREATED

JS23/24/25/29N1-AT

STRUCTURAL CONFIGURATION



-- CORONA TREATED SKIN

-- TRANSPARENT CORE

-- BACK TREATMENT FREE UNTREATED SKIN

APPLICATIONS :

PRESSURE SENSITIVE ADHESIVE TAPE

DESCRIPTION :

Transparent, Non Heat Sealable, One Side Corona Treated, High Glossy OPP Film for use in Pressure Sensitive Adhesive Tape Manufacturing Application. The corona treated surface is specifically designed for excellent anchorage of various solvent and water based pressure sensitive adhesive used for self adhesive tape manufacturing. Untreated side is back treatment free, which facilitate the trouble free unwinding of adhesive coated jumbo rolls.

SALIENT FEATURES :

- High Surface Gloss
- Excellent Surface Treatment Retention
- Excellent Anchorage of Various Pressure Sensitive Adhesives on Treated Side
- Back Treatment Free
- Excellent Machinability,
- Excellent Mechanical Properties
- Excellent Dimensional Stability

TECHNICAL DATA SHEET

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNIT	JS23N1-AT	JS24N1-AT	JS25N1-AT	JS29N1-AT
PHYSICAL						
Thickness	ASTM D 374	Micron	23	24	25	29
Grammage	JPFTM	gm/m^2	21.0	21.9	22.8	26.4
Yield	JPFTM	m^2/kg	47.5	45.5	43.6	37.8
SURFACE						
Treatment Level	ASTM D 2578	dyne/cm	38	38	38	38
OPTICAL						
Haze	ASTM D 1003	%	1.7	1.7	1.8	1.8
Gloss at 45° Angle	ASTM D 2457	-	94	94	94	94
MECHANICAL						
Coefficient of Friction – Max (Untreated / Untreated)	ASTM D 1894	Kinetic	0.45	0.45	0.45	0.45
Tensile Strength	ASTM D 882	kg/cm^2 MD	1300	1300	1300	1300
		kg/cm^2 TD	2800	2800	2800	2800
Modulus	ASTM D 882	kg/cm^2 MD	18000	18000	18000	18000
		kg/cm^2 TD	28000	28000	28000	28000
Elongation	ASTM D 882	% MD	185	185	185	185
		% TD	60	60	60	60
THERMAL						
Shrinkage at 120°C / 5 min	JPFTM	% MD	3.5	3.5	3.5	3.5
		% TD	1.5	1.5	1.5	1.5
Seal Initiation Temperature	JPFTM	°C	-	-	-	-
Sealing Strength at 120°C / 2 Bars	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 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