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TECHNICAL DATA SHEET (J-951)

DESCRIPTION: Bi-axially oriented translucent direct matte polyester film with medium surface gloss and thermally stable. Film is one side chemically coated to enhance adhesion.

APPLICATIONS: Muted metallization, wood grain application, label and other industrial application.

SALIENT FEATURES:

- Medium surface gloss
- Excellent Mechanibility
- Excellent Mechanical and thermal Properties

TECHNICAL DATA

Properties	Test method	Unit	J951				
PHYSICAL							
Thickness	ASTM D-374	Micron	12	23	36	50	
Grammage	JPFTM	gm/m ²	16.8	32.2	50.4	70	
Yield	JPFTM	m ² / kg	59	31	20	14	
OPTICAL							
Haze (Min)	ASTM D-1003	%	48	70	80	85	
Transmittance	ASTM D-1003	%	85 ± 3	83 ± 3	81 ± 3	79 ± 3	
Gloss at 60 degree angle (Average)	ASTM D 2457	%	40 ± 5	40 ± 5	42 ± 5	42 ± 5	
MECHANICAL							
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ²	1900	1800	1800	1800
	TD	ASTM D-882	Kg/cm ²	1800	1700	1700	1700
Elongation (Min)	MD	ASTM D-882	%	90	90	90	90
	TD	ASTM D-882	%	90	90	90	90
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.45	0.45	0.45	0.45
	Dy	ASTM D-1894	-	0.40	0.40	0.40	0.40
THERMAL							
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	2.80	2.80	2.80	2.80
	TD	ASTM D-1204	%	0.40	0.40	0.40	0.40
SURFACE							
Wetting tension (Treated side)	ASTM D-2578	Dyne / cm	42	42	42	42	

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 accepts any responsibility for the fitness of the product for any particular use.

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

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