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TECHNICAL SPECIFICATION SHEET (J-222)

DESCRIPTION: J-222 Grade of polyester film is one side Co polyester pre coated and other side corona treated. Film complies with FDA and EC regulations.

APPLICATIONS: Suitable for metallization and flexible packaging, film specially designed for many flexible packaging applications require high bond strength. Single film for dual purpose.

SALIENT FEATURES:

- Excellent Adhesion of Inks and Adhesive
- Significant improved metal adhesion when metallized on coated side
- Excellent Mechanical and thermal Properties
- Excellent for printing and lamination

TECHNICAL DATA				
PROPERTIES		TEST METHOD	UNIT	J222
PHYSICAL				
Thickness		ASTM D 374	Micron (Gauge)	12 (48)
Yield		JPFTM	m ² /kg (in ² /lb)	59.5 (41800)
OPTICAL				
Haze (Max)		ASTM D 1003	%	3.5
Total Luminous Transmission		ASTM D 1003	%	89
MECHANICAL				
Tensile strength (Min)	MD	ASTM D 882	Kg/cm ² (psi)	2000 (28500)
	TD	ASTM D 882	Kg/cm ² (psi)	1900 (27000)
Elongation (Min)	MD	ASTM D 882	%	90
	TD	ASTM D 882	%	90
Coefficient of friction (Side-A / B) (Max)	St	ASTM D 882	–	0.50
	Dy	ASTM D 882	–	0.45
THERMAL				
Shrinkage (150°C / 30 min) (MAX)	MD	ASTM D 1204	%	2.8
	TD	ASTM D 1204	%	0.4
SURFACE				
Wetting tension (coated side)		ASTM D 2578	dyne/cm	56
Wetting tension (corona treated side) (Min)		ASTM D 2578	dyne/cm	54
BARRIER				
WVTR (38 °C & 90% RH) (Max)		ASTM E 398	g / m ² / day (g / 100 inch ² / day)	45 (3.0)
OTR (23 °C & 0% RH) (Max)		ASTM D 3985	cc / m ² / day (cc / 100 inch ² / day)	110 (7.0)

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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