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TECHNICAL SPECIFICATION SHEET (J-261)

DESCRIPTION: J-261 grade of polyester film is one side chemically pre-treated and other side plain

APPLICATIONS: Flexible packaging, designed for pasteurization and retort application.

SALIENT FEATURES:

- Good clarity
- Excellent machinability
- Excellent mechanical and thermal Properties
- Excellent for printing and coating

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNIT	J-261	
PHYSICAL				
Thickness	ASTM D 374	Micron (Gauge)	10 (40)	12 (48)
Yield	JPFTM	m ² /kg (in ² /lb)	71.4 (50200)	59.5 (41800)
OPTICAL				
Haze (Max)	ASTM D 1003	%	3.5	3.5
Total Luminous Transmission	ASTM D 1003	%	89	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 1894	–	0.50
	Dy	ASTM D 1894	–	0.45
THERMAL				
Shrinkage (150°C / 30) (Max)	MD	ASTM D 1204	%	2.8
	TD	ASTM D 1204	%	0.4
SURFACE				
Wetting tension-coated side (Min)	ASTM D 2578	dyne/cm	54	54
BARRIER				
WVTR (38 °C & 90% RH) (Max)	ASTM E-398	g / m ² / day (g / 100 inch ² / day)	55 (3.6)	45 (3.0)
OTR (23 °C & 0% RH) (Max)	ASTM D-3985	cc / m ² / day (cc / 100 inch ² / day)	130 (8.5)	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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