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**TECHNICAL SPECIFICATION SHEET (J-521)**

**DESCRIPTION:** J521, one side co-polyester treated, clear film having smooth surface, excellent clarity and good handling property

**APPLICATIONS:** High clarity film suitable for Metallization on coated surface, high quality printing, lamination and other general application.

**SALIENT FEATURES:**

- High clarity and Transparency
- Excellent metal adhesion
- High surface gloss
- Excellent Machinability
- Excellent Mechanical Properties
- Excellent Dimensional Stability

<b>TECHNICAL DATA</b>					
Properties		Test method	Unit	J-521	
<b>PHYSICAL</b>					
Thickness		ASTM D-374	Micron (Gauge)	75 (300)	100 (400)
Yield		JPFTM	m <sup>2</sup> /kg (in <sup>2</sup> /lb)	9.5 (6680)	7.1(4990)
<b>OPTICAL</b>					
Haze		ASTM D-1003	%	1.5	1.6
Total luminous transmittance		ASTM D-1003	%	90	90
<b>MECHANICAL</b>					
Tensile strength (Min)	MD	ASTM D-882	Kg/cm <sup>2</sup> (psi)	1700 (24200)	1700 (24200)
	TD	ASTM D-882	Kg/cm <sup>2</sup> (psi)	1700 (24200)	1700 (24200)
Elongation (Min)	MD	ASTM D-882	%	120	120
	TD	ASTM D-882	%	100	100
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.50	0.50
	Dy	ASTM D-1894	-	0.40	0.40
<b>THERMAL</b>					
Shrinkage (Max) (150 <sup>o</sup> C / 30 min)	MD	ASTM D-1204	%	2.5	2.5
	TD	ASTM D-1204	%	1.5	1.5
<b>SURFACE</b>					
Wetting tension (Min) (Treated side)		ASTM D-2578	Dyne / cm	54	54
<b>Electrical</b>					
Volume Resistivity		ASTM D-256	Ohm cm	10 <sup>^16</sup>	10 <sup>^16</sup>

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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