

**HEAD OFFICE:**

Plot No. – 12, Sector B1, Local Shopping Complex, Vasant Kunj,  
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Tel: 0091-11-26139256 – 265, Fax: 0091-11-26125739  
Web site: www.jindalpoly.com

**TECHNICAL SPECIFICATION SHEET (J-950M0)**

**DESCRIPTION:** Normal density metallised Bi-axially oriented translucent direct matte polyester film with medium surface gloss.

**APPLICATIONS:** labels and other industrial application.

**SALIENT FEATURES:**

- Good dimensional / thermal stability.
- Excellent Machinability

**TECHNICAL DATA**

PROPERTIES	TEST METHOD	UNIT	J-950M0		
<b>PHYSICAL</b>					
Thickness	ASTM D 374	Micron (Gauge)	12 ( 48 )	23 (92)	
Yield	JPFTM	m <sup>2</sup> /kg (in <sup>2</sup> /lb)	59.5 (41800 )	31 (21800)	
<b>OPTICAL</b>					
*Optical Density	By Tobias make Instrument	%	2.2 ± 5%	2.2 ± 5%	
<b>BOND STRENGTH</b>					
Metal to PET Bond Strength	JPFTM	g /inch	150	150	
<b>MECHANICAL</b>					
Tensile Strength (Min)	MD	ASTM D 882	Kg/cm <sup>2</sup> (psi)	2000 (28500)	1900 (27000)
	TD		Kg/cm <sup>2</sup> (psi)	1900 (27000)	1800 (25600)
Elongation (Min)	MD	ASTM D 882	%	90	90
	TD		%	90	85
Coefficient of Friction (Metal to film) (Max)	St	ASTM D 1894	–	0.70	0.75
	Dy		–	0.60	0.70
<b>THERMAL</b>					
Shrinkage (150°C / 30 min) (MAX)	MD	ASTM D 1204	%	2.8	2.8
	TD		%	0.8	0.4
<b>SURFACE</b>					
Wetting tension (Pre-Metallized surface) (Min)	ASTM D 2578	dyne/cm	44	44	

\*These properties can be changed to meet the specific requirements of the customer.

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

**WORKS:**

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**TECHNICAL DATA**

PROPERTIES	TEST METHOD	UNIT	J-950M0		
<b>PHYSICAL</b>					
Thickness	ASTM D 374	Micron (Gauge)	36 (144)	50 (200)	
Yield	JPFTM	m <sup>2</sup> /kg (in <sup>2</sup> /lb)	19.8 (13900)	14 (10000)	
<b>OPTICAL</b>					
*Optical Density	By Tobias make Instrument	%	2.2 ± 5%	2.2 ± 5%	
<b>BOND STRENGTH</b>					
Metal to PET Bond Strength	JPFTM	g /inch	150	150	
<b>MECHANICAL</b>					
Tensile Strength (Min)	MD	ASTM D 882	Kg/cm <sup>2</sup> (psi)	1800 (25600)	1800 (25600)
	TD		Kg/cm <sup>2</sup> (psi)	1700 (24200)	1700 (24200)
Elongation (Min)	MD	ASTM D 882	%	90	90
	TD		%	90	90
Coefficient of Friction (Metal to film) (Max)	St	ASTM D 1894	–	0.70	0.70
	Dy		–	0.60	0.60
<b>THERMAL</b>					
Shrinkage (150°C / 30 min) (MAX)	MD	ASTM D 1204	%	2.8	2.8
	TD		%	0.4	0.4
<b>SURFACE</b>					
Wetting tension (Pre-Metallized surface) (Min)	ASTM D 2578	dyne/cm	44	44	

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