

**HEAD OFFICE:**

Plot No. – 12, Sector B1, Local Shopping Complex, Vasant Kunj,  
New Delhi - 110 070 (INDIA).  
Tel: 0091-11-26139256 – 265, Fax: 0091-11-26125739  
Web site: [www.jindalpoly.com](http://www.jindalpoly.com)

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

**DESCRIPTION:** Bi-axially oriented translucent direct matte polyester film with medium surface gloss and thermally stable.

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

**SALIENT FEATURES:**

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

<b>TECHNICAL DATA</b>							
Properties	Test method	Unit	J950				
<b>PHYSICAL</b>							
Thickness	ASTM D-374	Micron	12	19	23	36	
Grammage	JPFTM	gm/m <sup>2</sup>	16.8	26.6	32.2	50.4	
Yield	JPFTM	m <sup>2</sup> / kg	59	37	31	20	
<b>OPTICAL</b>							
Haze (Min)	ASTM D-1003	%	48	65	70	80	
Transmittance	ASTM D-1003	%	85 ± 3	83 ± 3	83 ± 3	81 ± 3	
Gloss at 60 degree angle (Average)	ASTM D 2457	%	40 ± 5	40 ± 5	40 ± 5	40 ± 5	
<b>MECHANICAL</b>							
Tensile strength (Min)	MD	ASTM D-882	Kg/cm <sup>2</sup>	1900	1800	1800	1800
	TD	ASTM D-882	Kg/cm <sup>2</sup>	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
<b>THERMAL</b>							
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
<b>SURFACE</b>							
Wetting tension (Min)	ASTM D-2578	Dyne / cm	44	44	44	44	

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

**DESCRIPTION:** Bi-axially oriented translucent direct matte polyester film with medium surface gloss and thermally stable.

**WORKS:**

28 - KM, Stone, Nashik - Igatpuri Road,  
Village : Mundegaon, Maharashtra  
Phone : + 91 2553 229100, 231002 / 3 / 5  
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<b>TECHNICAL DATA</b>						
Properties	Test method	Unit	J950			
<b>PHYSICAL</b>						
Thickness	ASTM D-374	Micron	50	75	125	
Grammage	JPFTM	gm/m <sup>2</sup>	70	105	175	
Yield	JPFTM	m <sup>2</sup> / kg	14	9.5	5.7	
<b>OPTICAL</b>						
Haze (Min)	ASTM D-1003	%	85	90	95	
Transmittance	ASTM D-1003	%	79 ± 3	76 ± 3	72 ± 3	
Gloss at 60 degree angle (Average)	ASTM D 2457	%	40 ± 5	40 ± 5	40 ± 5	
<b>MECHANICAL</b>						
Tensile strength (Min)	MD	ASTM D-882	Kg/cm <sup>2</sup>	1800	1700	1700
	TD	ASTM D-882	Kg/cm <sup>2</sup>	1700	1600	1600
Elongation (Min)	MD	ASTM D-882	%	90	90	90
	TD	ASTM D-882	%	90	90	90
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.45	0.45	0.45
	Dy	ASTM D-1894	-	0.40	0.40	0.40
<b>THERMAL</b>						
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	2.80	2.0	2.0
	TD	ASTM D-1204	%	0.40	0.40	0.40
<b>SURFACE</b>						
Wetting tension (Min)	ASTM D-2578	Dyne / cm	44	44	44	

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