

TECHNICAL SPECIFICATION SHEET (J-530)

DESCRIPTION: J530 is untreated; Co extruded standard clear film having excellent surface, good clarity, superior gloss and good handling property

APPLICATIONS: Standard clear film suitable for Metallization, holographic, lamination and other general-purpose application.

SALIENT FEATURES:

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

TECHNICAL DATA						
Properties	Test method	Unit	J-530			
PHYSICAL						
Thickness	ASTM D-374	Micron (Gauge)	50 (200)	75 (300)	100 (400)	
Yield	JPFTM	m ² /kg (in ² /lb)	14 (10000)	9.5 (6680)	7.1(4990)	
OPTICAL						
Haze	ASTM D-1003	%	2.0	2.0	2.2	
Total luminous transmittance	ASTM D-1003	%	89	89	89	
MECHANICAL						
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ² (psi)	1800 (25600)	1700 (24200)	1700 (24200)
	TD	ASTM D-882	Kg/cm ² (psi)	1800 (25600)	1700 (24200)	1700 (24200)
Elongation (Min)	MD	ASTM D-882	%	90	120	120
	TD	ASTM D-882	%	85	100	100
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.50	0.45	0.45
	Dy	ASTM D-1894	-	0.40	0.35	0.35
THERMAL						
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	2.5	2.5	2.5
	TD	ASTM D-1204	%	1.5	1.5	1.5
SURFACE						
Wetting tension (Min)	ASTM D-2578	Dyne / cm	44	44	44	
Electrical						
Volume Resistivity	ASTM D-256	Ohm cm	10 ¹⁶	10 ¹⁶	10 ¹⁶	

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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DESCRIPTION: J530 is untreated; Co extruded standard clear film having excellent surface, good clarity, superior gloss and good handling property

APPLICATIONS: Standard clear film suitable for Metallization, holographic, lamination and other general-purpose application.

SALIENT FEATURES:

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

TECHNICAL DATA						
Properties	Test method	Unit	J-530			
PHYSICAL						
Thickness	ASTM D-374	Micron (Gauge)	125 (500)	150 (600)	175 (700)	
Yield	JPFTM	m ² /kg (in ² /lb)	5.7 (4000)	4.7 (3300)	4.1 (2880)	
OPTICAL						
Haze	ASTM D-1003	%	2.5	2.7	3.0	
Total luminous transmittance	ASTM D-1003	%	89	89	89	
MECHANICAL						
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ² (psi)	1700 (24200)	1700 (24200)	1700 (24200)
	TD	ASTM D-882	Kg/cm ² (psi)	1700 (24200)	1700 (24200)	1700 (24200)
Elongation (Min)	MD	ASTM D-882	%	120	120	120
	TD	ASTM D-882	%	100	100	100
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.45	0.45	0.45
	Dy	ASTM D-1894	-	0.35	0.35	0.35
THERMAL						
Shrinkage (Max) (150 ^o C / 30 min)	MD	ASTM D-1204	%	2.5	2.5	2.5
	TD	ASTM D-1204	%	1.5	1.5	1.5
SURFACE						
Wetting tension (Min)	ASTM D-2578	Dyne / cm	44	44	44	
Electrical						
Volume Resistivity	ASTM D-256	Ohm cm	10 ¹⁶	10 ¹⁶	10 ¹⁶	

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JPFTM: JINDAL POLY FILMS TEST METHOD, MD: MACHINE DIRECTION, TD: TRANSVERSE DIRECTION

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TECHNICAL SPECIFICATION SHEET (J-530)

APPLICATIONS: High clarity film suitable for Metallization, holographic, high quality lamination and other general-purpose application.

SALIENT FEATURES:

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

TECHNICAL DATA					
Properties		Test method	Unit	J-530	
PHYSICAL					
Thickness		ASTM D-374	Micron (Gauge)	188 (752)	250 (1000)
Yield		JPFTM	m ² /kg (in ² /lb)	3.8 (2650)	2.9 (2040)
OPTICAL					
Haze		ASTM D-1003	%	3.5	4.5
Total luminous transmittance		ASTM D-1003	%	89	89
MECHANICAL					
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ² (psi)	1650 (23500)	1600 (22800)
	TD	ASTM D-882	Kg/cm ² (psi)	1650 (23500)	1600 (22800)
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	-	0.45	0.45
	Dy	ASTM D-1894	-	0.35	0.35
THERMAL					
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	2.5	2.5
	TD	ASTM D-1204	%	1.5	1.5
SURFACE					
Wetting tension (Min)		ASTM D-2578	Dyne / cm	44	44
Electrical					
Volume Resistivity		ASTM D-256	Ohm cm	10 ¹⁶	10 ¹⁶

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