

**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
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TECHNICAL SPECIFICATION SHEET (J-465)

DESCRIPTION: J465 Transparent, Co extruded bi-axially oriented polyester film. Film is having thermally balanced shrinkage

APPLICATIONS: Best suitable for thermal lamination application.

SALIENT FEATURES:

- Good clarity and Transparency
- Excellent Machinability
- Excellent Mechanical Properties
- Excellent Dimensional Stability

TECHNICAL DATA						
Properties	Test method	Unit	J-465			
PHYSICAL						
Thickness	ASTM D-374	Micron (Gauge)	8 (32)	10 (40)	12 (48)	
Yield	JPFTM	m ² /kg (in ² /lb)	89.3 (62700)	71.4 (50200)	59.5 (41800)	
OPTICAL						
Haze (Max)	ASTM D-1003	%	2.5	2.5	2.5	
Total luminous transmittance	ASTM D-1003	%	89	89	89	
MECHANICAL						
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ² (psi)	2000 (28500)	2000 (28500)	2000 (28500)
	TD	ASTM D-882	Kg/cm ² (psi)	1900 (27000)	1900 (27000)	1900 (27000)
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	-	0.55	0.50	0.50
	Dy	ASTM D-1894	-	0.50	0.45	0.45
THERMAL						
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	3.0	2.5	2.0
	TD	ASTM D-1204	%	3.0	2.5	2.0
SURFACE						
Wetting tension	ASTM D-2578	Dyne / cm	44-46	44-46	44-46	

* Other thickness can be offer as per customer requirement

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-465			
PHYSICAL						
Thickness	ASTM D-374	Micron (Gauge)	15 (60)	23 (92)		
Yield	JPFTM	m ² /kg (in ² /lb)	47.6 (33500)	31 (21800)		
OPTICAL						
Haze (Max)	ASTM D-1003	%	2.5	3.0		
Total luminous transmittance	ASTM D-1003	%	89	89		
MECHANICAL						
Tensile strength (Min)	MD	ASTM D-882	Kg/cm ² (psi)	2000 (28500)	2000 (28500)	
	TD	ASTM D-882	Kg/cm ² (psi)	1900 (27000)	1900 (27000)	
Elongation (Min)	MD	ASTM D-882	%	90	90	
	TD	ASTM D-882	%	90	90	
Coefficient of friction (Side-A / B) (Max)	St	ASTM D-1894	-	0.50	0.50	
	Dy	ASTM D-1894	-	0.45	0.45	
THERMAL						
Shrinkage (Max) (150°C / 30 min)	MD	ASTM D-1204	%	2.0	2.0	
	TD	ASTM D-1204	%	2.0	2.0	
SURFACE						
Wetting tension	ASTM D-2578	Dyne / cm	44-46	44-46		

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