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TECHNICAL SPECIFICATION SHEET (J-700)

DESCRIPTION: J-700 grade of film is a transparent, untreated, bi-axially oriented isotropic polyester film; film complies with FDA and EC regulations.

APPLICATIONS: Specially designed for lidding application of dairy product.

SALIENT FEATURES:

- Good Adhesion of Inks and Adhesive
- Good metal bond strength.
- Excellent Machinability
- Excellent Mechanical and thermal Properties

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNIT	J700	
PHYSICAL				
Thickness	ASTM D 374	Micron (Gauge)	12 (48)	
Yield	JPFTM	m ² /kg (in ² /lb)	59.5 (41800)	
OPTICAL				
Haze (Max)	ASTM D 1003	%	3.5	
Total Luminous Transmission	ASTM D 1003	%	89	
MECHANICAL				
Tensile Strength (Min)	MD	ASTM D 882	Kg/cm ² (psi)	2000 (28500)
	TD		Kg/cm ² (psi)	1900 (27000)
Elongation (Min)	MD	ASTM D 882	%	90
	TD		%	90
Coefficient of Friction (Side A / B) (Max)	St	ASTM D 1894	-	0.50
	Dy		-	0.45
ISOTROPIC				
Ratio: (F30-Fy)/C	Internal	-	<21	
THERMAL				
Shrinkage At 150 ^o C / 30 min. (Max)	MD	ASTM D 1204	%	2.8
	TD		%	0.4
SURFACE				
Wetting tension (Min)	ASTM D 2578	dyne/cm	44	
BARRIER				
WVTR (38 ^o C & 90% RH) (Max)	ASTM E-398	g / m ² / day (g / 100 inch ² / day)	45 (3.0)	
OTR (23 ^o C & 0% RH) (Max)	ASTM D-3985	cc / m ² / day (cc / 100 inch ² / day)	110 (7.0)	

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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