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TECHNICAL SPECIFICATION SHEET (J-200P0)

DESCRIPTION: J20OPO grade is a bi-axially oriented transparent polyester film, film is one side PVDC coated and other side plain.

APPLICATIONS: Designed for see through packaging application where high barrier is required.

SALIENT FEATURES:

- Excellent moisture, oxygen and aroma barrier
- Printable on both side
- Excellent dimensional stability

TECHNICAL DATA

PROPERTIES		TEST	UNIT	J-200PO	
PHYSICAL					
Thickness (Bare film)		ASTM D 374	Micron (Gauge)	10 (40)	12 (48)
Nominal Thickness (Film + Coating)		ASTM D 374	Micron (Gauge)	12 ± 5% (48)	14 ± 5% (56)
Yield		JPFTM	m ² /kg (in ² /lb)	60 (41800)	51 (35800)
OPTICAL					
Haze		ASTM D-1003	%	5.0	6.0
MECHANICAL					
Tensile strength (Min)	MD	ASTM D 882	Kg/cm ² (psi)	2000 (28500)	2000 (28500)
	TD		Kg/cm ² (psi)	1900 (27000)	1900 (27000)
Elongation (Min)	MD	ASTM D 882	%	90	90
	TD		%	85	85
Coefficient of friction (Side-A / B) (Max)		Dy	ASTM D 1894	–	0.6
THERMAL					
Shrinkage (150°C / 30 min) (MAX)	MD	ASTM D 1204	%	2.8	2.8
	TD		%	0.4	0.4
SURFACE					
Surface tension (coated side) (Min)		ASTM D 2578	dyne/cm	54	54
BARRIER					
WVTR (38 °C & 90% RH) (Max)		ASTM E 398	g / m ² / day (g / 100 inch ² / day)	8 (0. 52)	8 (0. 52)
OTR (23 °C & 0% RH) (Max)		ASTM D 3985	cc / m ² / day (cc / 100 inch ² / day)	10 (0. 65)	8 (0. 52)

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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