JINDAL POLY FILMS LTD.

Certified for HP Indigo

HEAD OFFICE:
Plot No 12, Sector B1, Local Shopping complex,
Vasant Kunj,
New Delhi: 110070, INDIA
Phone: +91 11 26139256 - 265
Fax No: +91 11 261257309

Works:
28 – KM, Stone, Nasik – Igatpuri Road,
Village : Mundegaon, Taluk : Igatpuri,
Dist : Nasik, Pin : 422403
Maharashtra, INDIA
Phone: + 91 2553 229100
Fax: + 91 2553 229200

Website : www.jindalpoly.com

(PROVISIONAL) TECHNICAL DATA SHEET PET BASED NON-TEARABLE PAPER

BOTH SIDE DIGITAL PRINT RECEPTIVE COATED WHITE OPAQUE MATTE FILM

J115/125/175/200-XX

STRUCTURAL CONFIGURATION

-- DIGITAL PRINT RECEPTIVE MATTE COATED LAYER
-- HIGH ENERGY ADHESION PROMOTING LAYER
-- BI-AXIALLY ORIENTED WHITE OPAQUE PET FILM
-- HIGH ENERGY ADHESION PROMOTING LAYER
-- DIGITAL PRINT RECEPTIVE MATTE COATED LAYER

DESCRIPTION:

XX grade is white opaque matte polyester film, coated on both sides, suitable for printing on various printers like HP Indigo, Konica Minolta, Canon, Kodak, Fuji, Xerox which are liquid/toner-based inks.

APPLICATIONS:

Photo albums, certificate, bookmarks, wrist bands, shop-floor manual, premium event tickets, coffee-table books, menu cards, invitation cards, visiting cards, indoor signage etc.

SALIENT FEATURES:

- Excellent opacity and paper like appearance suits to print on both sides.
- Excellent toner addition for sharp and clear images.
- Excellent dimensional stability
- Film is writable for comments and stamp.
- Suitable for thermal lamination with glossy, matt or feather feel films.
- Excellent sheet feeding during printing due to outstanding antistatic and slip properties.

HANDLING & STORAGE INSTRUCTIONS:

- Hold the media by the edges. Fingerprints will affect the quality of image. A fresh pair of cotton gloves should be used while handling bare media to avoid sweat, grease and oil transfer on to the media that could interfere with the print quality.
- Store the media in cool, dry place [(20-25°c, 55 % ± 10 relative humidity (RH)] away from direct sunlight. The media should be stored in its original packing when it is not being used.
- To avoid curling, store the media in flat position.
- This media can be recycled through designated channels for recycling.

Note: - All brand names and product names used here are trademarks belonging to their respective owners.

TECHNICAL DATA

PROPERTIES		TEST METHOD	UNIT	115J-XX	125J-XX	175J-XX	200J-XX
PHYSICAL							
Nominal Thickness		ASTM D374	Micron (Gauge)	115 ± 5% (460)	125 ± 5% (500)	175 ± 5% (700)	200 ± 5% (800)
Yield		JPFTM	m^2/kg (in^2 /lb)	6 4270	5.3 3750	4.0 2800	3.4 2350
OPTICAL							
Opacity (Min)		CIE Standard	%	95	96	98	99
Luminous Transmittance		ASTM D1003	%	10	10	7	6
MECHANICAL							
Tensile strength (Min)	MD	ASTM D882	Kg/cm^2 (psi)	1300 (18450)	1300 (18450)	1400 (19900)	1300 (18450)
	TD		Kg/cm^2 (psi)	1500 (21300)	1500 (21300)	1500 (21300)	1400 (19900)
Elongation (Min)	MD	ASTM D882	%	100	100	100	100
	TD		%	80	80	80	80
Coefficient of friction (Side-A / B) (Max)	Dy	ASTM D1894	_	0.3	0.3	0.3	0.3
THERMAL							
Shrinkage (Max) (150^0C / 30 min)	MD	ASTM D1204	%	2.5	2.5	2.5	2.5
	TD		%	1.5	1.5	1.5	1.5
SURFACE							
Surface tension		ASTM D2578	Dynes/cm	54	54	54	54
Texture		JPFTM	_	Matte	Matte	Matte	Matte

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