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-- CORONA TREATED MATTY SKIN

-- MODIFIED TRANSPARENT CORE

-- CORONA TREATED GLOSSY SKIN

TECHNICAL DATASHEET OPP FILMS

**ONE SIDE MATTY OTHER SIDE GLOSSY
BOTH SIDE CORONA TREATED**

JS13/15/18N2-MT

STRUCTURAL CONFIGURATION

APPLICATIONS :

Lamination of Printed Paper Boards / Posters / Book Covers Etc. Where Excellent Matty Appearance is Required

DESCRIPTION :

One Side Matty, Other Side Glossy, Both Side Corona Treated OPP Film with excellent contact clarity, slip and antistatic properties for use in Paper / Paper Board Lamination Application. Matty side is specifically designed for very high anchorage of radiation curable printing (UV / IR Curable Printing), which is done as a post lamination process on requirements. Glossy side is also designed for very high anchorage of various lamination adhesives. Lamination always has to be carried out on glossy side.

SALIENT FEATURES :

- Excellent Matty Appearance
- Excellent Contact Clarity
- Very Good Slip and Antistatic Properties
- Matty Side is Specially Design for Very Good Anchoring of UV Curable Inks and Coatings
- Excellent Anchorage of Lamination Adhesive on Treated Glossy Side
- Excellent Machinability
- Suitable for Various Lamination Machines

TECHNICAL DATA					
PROPERTIES	TEST METHOD	UNIT	JS13N2-MT	JS15N2-MT	JS18N2-MT
PHYSICAL					
Thickness	ASTM D 374	Micron	13	15	18
Grammage	JPFTM	gm/m ²	11.3	12.9	15.6
Yield	JPFTM	m ² /kg	88.5	77.1	64.2
SURFACE					
Treatment Level (Min)	ASTM D 2578	dyne/cm	38 / 38	38 / 38	38 / 38
OPTICAL					
Haze (Min)	ASTM D 1003	%	75	75	75
Gloss (Max) at 45° Angle – Matt Side	ASTM D 2457	-	10	10	10
MECHANICAL					
Coefficient of Friction (Max)	ASTM D 1894	Static	0.40	0.40	0.40
		Kinetic	0.38	0.38	0.38
Tensile Strength (Min)	ASTM D 882	kg/cm ² MD	1200	1250	1250
		TD	2300	2500	2500
Modulus (Min)	ASTM D 882	kg/cm ² MD	15000	17000	17000
		TD	25000	27000	27000
Elongation (Max)	ASTM D 882	% MD	170	160	150
		TD	70	60	50
THERMAL					
Shrinkage (Max) (at 120°C for 5 min)	JPFTM	% MD	4.5	4.0	3.5
		TD	2.5	2.0	1.5
Seal Initiation Temperature (Max)	JPFTM	°C	-	-	-
Sealing Strength (Min) (at 120°C / 2 Bar / 1 Sec)	JPFTM	gms/25mm	-	-	-
BARRIER					
Water Vapour Transmission Rate (Max)	ASTM E 398	gm/m ² /24h	10	7.5	7.0
Oxygen Gas Transmission Rate (Max)	ASTM D 3985	cc/m ² /24h	2100	1850	1800

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 accept any responsibility for the fitness of the product for any particular use.