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TECHNICAL DATA SHEET OPP FILMS

WHITE CAVITATED BOTH SIDE HEAT SEALABLE
HIGH ENERGY TREATED HIGH GLOSSY

JS60/75H2-PLG

STRUCTURAL CONFIGURATION



- HIGH GLOSSY HIGH ENERGY TREATED HEAT SEALABLE SKIN
- MODIFIED INNER SKIN
- MODIFIED WHITE CAVITATED CORE
- MODIFIED INNER SKIN
- TREATED HEAT SEALABLE SKIN

APPLICATIONS :

White Cavitated Film for Pressure Sensitive Label Application

DESCRIPTION :

White Cavitated, Both Side Heat Sealable, High Energy Treated, High Glossy OPP Film with excellent Opacity, Slip and Antistatic Properties for use in Pressure Sensitive Label Applications. One side is high glossy high energy treated heat sealable surface, specifically designed for excellent get up and adhesion of various surface printing inks by flexo / gravure / offset process. Other side is specifically designed for anchorage of various types of pressure sensitive and hotmelt adhesive used for label stocks manufacturing process.

SALIENT FEATURES :

- Excellent Opacity
- Brilliant Pearlicent White Appearance
- High Surface Gloss
- Specially Design for Surface Printing Applications
- High Gloss High Energy Treatment for Facilitating Surface Printing by Flexo / Gravure / Offset Process
- Excellent Anchorage of Inks on High Energy Treated Side
- Excellent Anchorage of Hot Melt and Pressure Sensitive Adhesive on Other Treated Side
- Excellent Hot tack Properties
- Excellent Surface Treatment Retention
- Excellent Machinability
- Very Good Barrier Properties

TECHNICAL DATA				
PROPERTIES	TEST METHOD	UNIT	JS60H2-PLG	JS75H2-PLG
PHYSICAL				
Thickness	ASTM D 374	Micron	60	75
Grammage	JPFTM	gm/m ²	39.0	48.8
Yield	JPFTM	m ² /kg	25.6	20.5
SURFACE				
Treatment Level (Min)	ASTM D 2578	dyne/cm	40 / 40	40 / 40
OPTICAL				
Transmittance (Max)	ASTM D 1003	%	25	25
Opacity	CIE	%	90	90
Gloss (Min) at 45° Angle	ASTM D 2457	-	75	75
MECHANICAL				
Coefficient of Friction (Max)	ASTM D 1894	Static	0.40	0.40
		Kinetic	0.38	0.38
Tensile Strength (Min)	ASTM D 882	kg/cm ² MD	1000	1000
		TD	2000	2000
Modulus (Min)	ASTM D 882	kg/cm ² MD	15000	15000
		TD	25000	25000
Elongation (Max)	ASTM D 882	% MD	150	140
		TD	50	40
THERMAL				
Shrinkage (Max) at 120°C / 5 min	JPFTM	% MD	3.0	3.0
		TD	1.5	1.0
Seal Initiation Temperature (Max)	JPFTM	°C	118	120
Sealing Strength (Min) at 120°C / 2 Bar / 1 Sec	JPFTM	gms/25mm	400	400
BARRIER				
Water Vapour Transmission Rate	ASTM E 398	gm/m ² /24h	2.0	1.5
Oxygen Gas Transmission Rate	ASTM D 3985	cc/m ² /24h	1000	900

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.