HEAD OFFICE :
Plot No. 2, Sector B1, Local Shopping Complex, Vasant Kunj,
New Delhi - 110070
Phone No : +91 11 26139256 - 265
Fax No : +91 11 26125739

WORKS :
28 - KM, Stone, Nashik - Igatpuri Road,
Village : Mundegaon, Maharashtra
Phone : + 91 2553 229100
Fax : + 91 2553 229200

Website : www.jindalpoly.com

TECHNICAL DATA SHEET OPP FILMS

WHITE CAVITATED NON HEAT SEALABLE HIGH ENERGY TREATED HIGH GLOSSY

JS25/30/35/38/40/50N1-PLG

STRUCTURAL CONFIGURATION

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

APPLICATIONS :

Roll-fed Wrap Around Label Application

DESCRIPTION :

White Cavitated, Non Heat Sealable, One Side High Energy Treated, High Glossy OPP Film with excellent Opacity, Slip and Antistatic Properties for use in Roll-fed Wrap Around Label Applications. High glossy high energy treated surface is specifically designed for excellent get up and adhesion of surface printing by flexo / gravure 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 Process
- Excellent Anchorage of Inks on High Energy Treated Side
- Excellent Anchorage of Hot Melt and Pressure Sensitive Adhesive
- Excellent Surface Treatment Retention
- Excellent Machinability
- Very Good Barrier Properties

JINDAL

TECHNICAL DATA SHEET

TECHNICAL DATA

PROPERTIES	TEST METHOD	UNIT		JS25N1-PLG	JS30N1-PLG	JS35N1-PLG	JS38N1-PLG	JS40N1-PLG	JS50N1-PLG
PHYSICAL									
Thickness	ASTM D 374	Micron		25	30	35	38	40	50
Grammage	JPFTM	gm/m^2		16.3	19.5	21.0	22.8	24.0	30.0
Yield	JPFTM	m^2/kg		61.3	51.2	47.6	43.8	41.6	33.3
SURFACE									
Treatment Level (Min)	ASTM D 2578	dyne/cm		40	40	40	40	40	40
OPTICAL									
Transmittance (Max)	ASTM D 1003	%		40	35	30	30	25	25
Opacity	CIE	%		75	75	80	85	85	90
Gloss (Min) at 45^0 Angle	ASTM D 2457	-		75	75	75	70	70	70
MECHANICAL									
Coefficient of Friction (Max)	ASTM D 1894	Static		0.40	0.40	0.40	0.40	0.40	0.40
		Kinetic		0.38	0.38	0.38	0.38	0.38	0.38
Tensile Strength (Min)	ASTM D 882	kg/cm^2	MD	1000	1000	1000	1000	1000	1000
			TD	2000	2000	2000	2000	2000	2000
Modulus (Min)	ASTM D 882	kg/cm^2	MD	15000	15000	15000	15000	15000	15000
			TD	25000	25000	25000	25000	25000	25000
Elongation (Max)	ASTM D 882	%	MD	150	150	150	140	140	130
			TD	50	50	50	40	40	35
THERMAL									
Shrinkage (Max) at 120^0C / 5 min	JPFTM	%	MD	3.0	3.0	3.0	3.0	2.5	2.5
			TD	1.5	1.5	1.0	1.0	1.0	1.0
BARRIER									
Water Vapour Transmission Rate	ASTM E 398	$gm/m^2/24h$		6.0	5.0	4.0	3.5	3.0	2.5
Oxygen Gas Transmission Rate	ASTM D 3985	$cc/m^2/24h$		1750	1650	1550	1400	1250	1100

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