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## TECHNICAL DATA SHEET OPP FILMS

**WHITE CAVITATED NON HEAT SEALABLE  
HIGH ENERGY TREATED HIGH GLOSSY**

**JS60/75N2-PLG**

### STRUCTURAL CONFIGURATION



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

**APPLICATIONS :**

Wrap Around and Pressure Sensitive Label Application

**DESCRIPTION :**

White Cavitated, Non Heat Sealable, Corona Treated, High Glossy OPP Film with excellent Opacity, Slip and Antistatic Properties for use in Wrap around & Pressure Sensitive Label Applications. One side is high glossy High Energy treated non heat sealable surface, specifically designed for excellent get up and adhesion of surface printing by flexo / gravure process. Other Side is corona treated for facilitating anchorage with various hot melt and pressure sensitive adhesives.

**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 on Other Treated Side
- Excellent Surface Treatment Retention
- Excellent Machinability
- Good Barrier Properties



# TECHNICAL DATA SHEET

TECHNICAL DATA				
PROPERTIES	TEST METHOD	UNIT	JS60N2-PLG	JS75N2-PLG
PHYSICAL				
Thickness	ASTM D 374	Micron	60	75
Grammage	JPFTM	gm/m²	39.0	48.8
Yield	JPFTM	m²/kg	25.6	20.5
SURFACE				
Treatment Level	ASTM D 2578	dyne/cm	39 / 38	39 / 38
OPTICAL				
Transmittance	ASTM D 1003	%	23	20
Opacity	CIE	%	90	92
Gloss at 45° Angle	ASTM D 2457	-	85	85
MECHANICAL				
Coefficient of Friction – Max. (Lower tr / Lower tr)	ASTM D 1894	Kinetic	0.42	0.42
		MD	600	600
Tensile Strength	ASTM D 882	kg/cm² TD	1400	1400
		MD	10500	10500
Modulus	ASTM D 882	kg/cm² TD	18500	18500
		MD	140	140
Elongation	ASTM D 882	% TD	40	40
THERMAL				
Shrinkage at 120°C / 5 min		MD	3.5	3.5
	JPFTM	% TD	1.5	1.5
Seal Initiation Temperature	JPFTM	°C	-	-
Sealing Strength at 120°C / 2 Bar / 1 Sec	JPFTM	gms/25mm	-	-
BARRIER				
Water Vapour Transmission Rate	ASTM E 398	gm/m²/24h	2.2	1.8
Oxygen Gas Transmission Rate	ASTM D 3985	cc/m²/24h	1000	900

The values provided in the Technical Data Sheet are typical performance data and are believed to be accurate. These are given in good faith, but users are advised to conduct their own tests on representative samples and not on the actual product dispatched. JINDAL POLY FILMS LIMITED doesn't guarantee or warranty typical values and fitness for its use for a specific purpose. The user is solely responsible for all determinations by the application of this information or the safety and suitability of our products, either alone or in combination with other products.

**Storage & Handling:** It is a fact that dyne level decays over time in BOPP films and the decay is further aggravated with extreme environmental conditions. If film rolls are to be stored for a long time, it is preferable to maintain a constant, preferably low temperature (below 30°C) and a low humidity (below 70% RH) to maximize shelf life of the product & to minimize dyne level decay.

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