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TECHNICAL DATA SHEET OPP FILMS

**OPAQUE WHITE BOTH SIDE HEAT
SEALABLE BOTH SIDE CORONA TREATED**

JS20/25/30/35H2-OP

STRUCTURAL CONFIGURATION



- CORONA TREATED HEAT SEAL SKIN
- MODIFIED WHITE INNER SKIN
- OPAQUE WHITE CORE
- MODIFIED WHITE INNER SKIN
- CORONA TREATED HEAT SEAL SKIN

APPLICATIONS :

OPAQUE WHITE BOTH SIDE HEAT SEALABLE TREATED FILM FOR CABLE OVER WRAP APPLICATION

DESCRIPTION :

Opaque White, Both Side Heat Sealable, Corona Treated OPP Film with Balanced Slip and Excellent Antistatic Properties for Cable Over wrap Application. Both treated heat seal sides are specifically designed for providing excellent hot tack and seal strength on high speed overwrap machines. The slip and antistatic properties are well balanced for providing excellent machinability during over wrapping process. Low heat seal initiation characteristic of the film is help to utilise the maximum operating speed of over wrap machine without compromising on sealing properties.

SALIENT FEATURES :

- Excellent Opacity
- Very High Hot-Tack and Seal Strength on Both Sides
- High Surface Gloss and Transparency
- Excellent Adhesion of Inks and Coatings on Treated Side
- Very Good Barrier Properties
- Excellent Slip and Antistatic Properties
- Excellent Machinability on High Speed Overwrap Machines
- Excellent Mechanical Properties
- Excellent Dimensional Stability

TECHNICAL DATA						
PROPERTIES	TEST METHOD	UNIT	JS20H2-OP	JS25H2-OP	JS30H2-OP	JS35H2-OP
PHYSICAL						
Thickness	ASTM D 374	Micron	20	25	30	35
Grammage	JPFTM	gm/m ²	19.0	23.7	28.5	33.3
Yield	JPFTM	m ² /kg	52.6	42.1	35.1	30.0
SURFACE						
Treatment Level (Min)	ASTM D 2578	dyne/cm	38 / 38	38 / 38	38 / 38	38 / 38
OPTICAL						
Transmittance (Max)	ASTM D 1003	%	40	40	35	35
Opacity	CIE	%	70	75	80	80
Gloss (Min) at 45° Angle	ASTM D 2457	-	55	55	50	50
MECHANICAL						
Coefficient of Friction (Max)	ASTM D 1894	Static	0.30	0.30	0.30	0.30
		Kinetic	0.28	0.28	0.28	0.28
Tensile Strength (Min)	ASTM D 882	kg/cm ² MD	1200	1200	1200	1200
		TD	2500	2500	2500	2500
Modulus (Min)	ASTM D 882	kg/cm ² MD	17500	18000	18000	19000
		TD	28500	29000	29000	30000
Elongation (Max)	ASTM D 882	% MD	160	150	150	150
		TD	60	50	50	50
THERMAL						
Shrinkage (Max) at 120°C / 5 min	JPFTM	% MD	3.5	3.5	3.5	3.5
		TD	1.5	1.5	1.5	1.5
Seal Initiation Temperature (Max)	JPFTM	°C	120	120	120	120
Sealing Strength (Min) at 120°C / 2 Bar / 1 Sec	JPFTM	gms/25mm	450	450	450	450
BARRIER						
Water Vapour Transmission Rate	ASTM E 398	gm/m ² /24h	6.0	5.0	4.0	3.0
Oxygen Gas Transmission Rate	ASTM D 3985	cc/m ² /24h	1850	1750	1650	1550

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 as the company offers neither guarantee nor accept any responsibility for the fitness of the product for any particular use.

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