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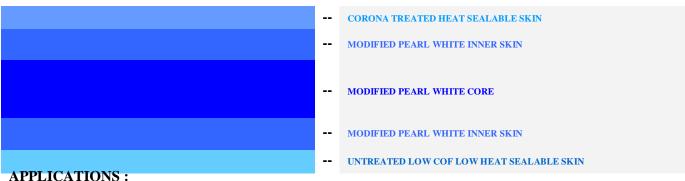
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TECHNICAL DATA SHEET **OPP FILMS**

PEARL WHITE LOW COF LOW HEAT SEALABLE ONE SIDE CORONA TREATED

JS25/30/35/40/45/50H1-PLC

STRUCTURAL CONFIGURATION



PEARL WHITE LOW HEAT SEALABLE ULTRA LOW COF ONE SIDE CORONA TREATED FILM FOR VERY HIGH SPEED CONFECTIONARY PACKING APPLICATION. ALSO VERY USEFUL FOR OTHER SINGLE / TWO PLY HIGH SPEED PRINTING, LAMINATION & POUCHING APPLICATIONS.

DESCRIPTION:

Pearl White, Low Heat Sealable, Ultra Low COF, One Side Corona Treated OPP Film with Very Good Barrier, Outstanding Slip and Antistatic Properties for use in Single / Two Ply Printing Lamination Application, Specifically for High Speed Confectionary Packaging Application. Ultra Low COF untreated side facilitate the smooth running of film on confectionary packaging machine at minimum speed of 1200 packs/min. The corona treated side is specifically designed for excel ent adhesion of inks and lamination adhesives. Untreated side exhibits Ultra Low COF, low seal initiation temperature, excel ent hot tack and seal strength.

SALIENT FEATURES:

- Ultra Low COF Low Heat Seal Untreated Side
- **Excellent Opacity**
- Low Seal Initiation Temperature
- Excel ent Hot Tack and Heat Seal Strength
- **Brilliant Pearlicent White Appearance**
- Very Good Barrier Properties
- High Surface Gloss
- **Excel ent Surface Treatment Retention**
- Excel ent Anchorage of Inks and Lamination Adhesive on Treated Side
- **Excellent Machinability**
- Suitable for Various Printing / Lamination Machines

^{*}Available in Inside / Outside Corona Treated, as per the requirement of the customer



TECHNICAL DATA SHEET

PROPERTIES	TEST METHOD	UNIT	JS25H1- PLC	JS30H1- PLC	JS35H1- PLC	JS40H1- PLC	JS45H1- PLC	JS50H1- PLC
PHYSICAL	WEITIOD		TEC	TEC	TEC	TEC	TEC	TLC
Thickness	ASTM D	Micron	25	30	35	40	45	50
THICKIESS	374	WIIGIGHT	23	30	33	40	45	30
Grammage	JPFTM	gm/m²	17.5	21.0	24.5	28.0	31.5	35.0
Yield	JPFTM	m²/kg	57.1	47.6	40.8	35.5	31.7	28.5
SURFACE								
Treatment Level (Min)	ASTM D 2578	dyne/cm	38	38	38	38	38	38
OPTICAL								
Transmittance (Max)	ASTM D 1003	%	40	35	30	30	25	25
Opacity	CIE	%	75	75	80	85	85	90
Gloss (Min) at 45°Angle	ASTM D 2457	-	60	60	60	60	60	60
MECHANICAL	•							
Coefficient of Friction (Max)	ASTM D	Static	0.28	0.28	0.28	0.28	0.28	0.28
	1894	Kinetic	0.25	0.25	0.25	0.25	0.25	0.25
Tensile Strength (Min)	ASTM D	MD	750	750	750	750	750	750
	882	kg/cm ² TD	1700	1700	1700	1700	1700	1700
	ASTM D	MD	11000	11000	11000	11000	11000	11000
Modulus (Min)	882	kg/cm ² TD	19000	19000	19000	19000	19000	19000
Elongation (Max)	ASTM D	MD	150	150	150	150	150	150
	882	% TD	40	40	40	40	40	40
THERMAL								
Shrinkage (Max) at 120°C / 5 min	JPFTM	MD %	3.0	3.0	3.0	3.0	2.5	2.5
	JEFTIVI	⁷⁰ TD	1.5	1.5	1.0	1.0	1.0	1.0
Seal Initiation Temperature (Max)	JPFTM	0C	115	115	115	115	115	115
Sealing Strength (Min) at 120°C / 2 Bar / 1 Sec	JPFTM	gms/25mm	400	450	500	525	550	600
BARRIER								
Water Vapour Transmission Rate	ASTM E 398	gm/m²/24h	6.0	5.0	4.0	3.5	3.0	2.5
Oxygen Gas Transmission Rate	ASTM D 3985	cc/m²/24h	1750	1650	1550	1400	1250	1100

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.