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**TECHNICAL DATA SHEET
OPP FILMS**

**TRANSPARENT NON HEAT SEALABLE
UNTRETED RELEASE**

JS12/15/17/20/25/30/35N0

STRUCTURAL CONFIGURATION



-- **UNTREATED SKIN**

-- **TRANSPARENT CORE**

-- **UNTREATED SKIN**

APPLICATIONS :

RELEASE LINER FOR DECORATIVE LAMINATES

DESCRIPTION :

Transparent, Non Heat Sealable, Untreated, High Glossy OPP Film with Excellent Clarity and Antistatic Property for use in Release Lining Application for Decorative Laminate Manufacturing. The surface of the film is specifically designed for providing very easy release between the decorative laminates as well as protecting the laminate surface for developing scratches during crosslinking stage.

SALIENT FEATURES :

- High Surface Gloss
- Excellent Antistatic Characteristics
- Moderate Slip
- Very Good Smooth Surface for Protecting Scratches on Laminates
- Untreated Surface for Preventing Sticking Between Laminates
- Excellent Dimensional Stability



TECHNICAL DATA SHEET

TECHNICAL DATA									
PROPERTIES	TEST METHOD	UNIT	JS12N0	JS15N0	JS17N0	JS20N0	JS25N0	JS30N0	JS35N0
PHYSICAL									
Thickness	ASTM D 374	Micron	12	15	17	20	25	30	35
Grammage	JPFTM	gm/m ²	10.9	13.5	15.5	18.2	22.7	27.3	31.8
Yield	JPFTM	m ² /kg	91.5	74.0	64.6	55.0	44.0	36.6	31.4
SURFACE									
Treatment Level	ASTM D 2578	dyne/cm	-	-	-	-	-	-	-
OPTICAL									
Haze	ASTM D 1003	%	2.0	2.2	2.3	2.5	2.6	2.7	2.8
Gloss at 45°Angle	ASTM D 2457	-	90	90	90	90	90	88	88
MECHANICAL									
Coefficient of Friction – Max	ASTM D 1894	Kinetic	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Tensile Strength	ASTM D 882	MD	1250	1250	1250	1250	1250	1250	1250
		TD	2700	2700	2700	2700	2700	2700	2700
Modulus	ASTM D 882	MD	18000	18000	18000	18000	18000	18000	18000
		TD	28000	28000	28000	28000	28000	28000	28000
Elongation	ASTM D 882	MD	180	180	180	180	180	180	180
		TD	60	60	60	60	60	60	60
THERMAL									
Shrinkage at 120°C / 5 min	JPFTM	MD	4.0	3.5	3.5	3.5	3.5	3.5	3.5
		TD	2.0	1.5	1.5	1.5	1.5	1.5	1.5
Seal Initiation Temperature	JPFTM	°C	-	-	-	-	-	-	-
Sealing Strength at 120°C / 2 Bar	JPFTM	gms/25mm	-	-	-	-	-	-	-
BARRIER									
Water Vapour Transmission Rate	ASTM E 398	gm/m ² /24h	8.5	7.5	6.5	5.5	4.5	3.5	3.0
Oxygen Gas Transmission Rate	ASTM D 3985	cc/m ² /24h	2200	2050	1850	1750	1600	1550	1500

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:

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.

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