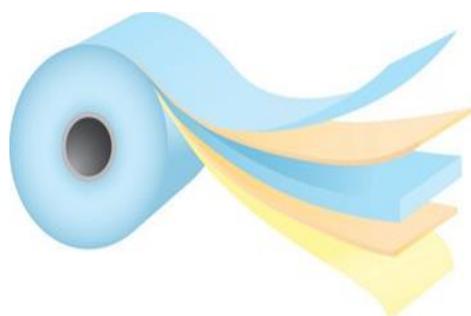


Non-Heat Sealable Clear BOPP Film

OPLAR NCL (A08) Tape Grade



CORONA TREATED SKIN
MODIFIED INTERMEDIATE LAYER
OPP CORE LAYER
MODIFIED INTERMEDIATE LAYER
UNTREATED SKIN

Product Features

- High surface gloss
- Good optical properties
- Good surface treatment retention
- Good mechanical properties

Typical Applications

- Primarily as base web for pressure sensitive adhesive tapes

OPLAR-NCL A08 grade is Non-Heat Sealable Clear BOPP film with high gloss for use in pressure sensitive tape applications. The Corona treated side is specifically designed for good adhesion of inks and lamination adhesive. Untreated side facilitates trouble free unwinding of adhesive coated jumbo rolls.

Properties		Unit	Test Method	23	25	28	30
Nominal Thickness		Micron	Internal	23	25	28	30
Grammage		g/m ²	ASTM D 1505	20.9	22.8	25.5	27.3
Yield		m ² /kg	Internal	47.8	44.0	39.2	36.6
Density		g/cc	Internal	0.91			
SURFACE PROPERTIES							
Treatment Level	TI/TO	dyne/cm	ASTM D 2578	38	38	38	38
Haze		%	ASTM D 1003	1.8	2	2	2
Gloss		^45°	ASTM D 2457	90	90	90	90
Coefficient of Friction	UT/UT	Kinetic	ASTM D 1894	0.45	0.45	0.45	0.45
MECHANICAL PROPERTIES							
Tensile Strength	MD	kg/cm ²	ASTM D 882	1300	1300	1300	1300
	TD			2500	2500	2500	2500
Tensile Elongation	MD	%	ASTM D 882	160	160	160	160
	TD			50	50	50	50
Elastic Modulus	MD	kg/cm ²	ASTM D 882	18000	18000	18000	18000
	TD			29000	29000	29000	29000
THERMAL PROPERTIES							
Shrinkage	MD	%	Internal	4	4	4	4
	TD			2	2	2	2
BARRIER PROPERTIES							
WVTR		g/m ² /day	ASTM F 1249	7	7	7	6
OTR		cc/m ² /day	ASTM D 3985	2400	2300	2200	2100

MD: Machine Direction, TD: Transverse Direction, TI: Treated Inside, TO: Treated Outside, UT: Untreated

Disclaimer: The information provided above is based on SRF FLEXIPAK conclusive tests, which are indicative only and provided as guidelines. Customers are solely responsible for the end use in all respects. Customers should verify the suitability of the film for its end use. SRF FLEXIPAK gives no warranty or accepts liability for any loss and fitness of the product for any specific purpose. SRF FLEXIPAK reserves the right to change the technical data sheet at any time for enhancing the quality of the product without prior information.

Storage Conditions between 22-30°C & RH 40-60% is recommended in order to minimize the deterioration of the film properties in general. It is advisable to turn out the inventory on FIFO basis. The film should be conditioned in the operating environment for at least 24 hours before processing.

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