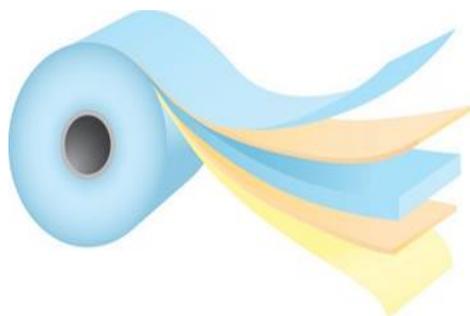


Sealable Clear BOPP Film

OPLAR SCL (A04) Label Grade



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

Product Features

- Good slip and antistatic properties
- Good flatness
- High gloss on outer surface

OPLAR-SCL A04 grade is Sealable Clear BOPP Film with high gloss for use in printing & lamination applications. The corona treated side is specifically designed for excellent adhesion of inks and lamination adhesives. Untreated heat seal surface has good seal strength & sealing temperature range.

Typical Applications

- Roll fed wrap around labels
- Beverage, dairy, household, detergents and cosmetics

Properties		Unit	Test Method	30	40
Nominal Thickness		Micron	Internal	30	40
Grammage		g/m ²	ASTM D 1505	27.3	36.4
Yield		m ² /kg	Internal	36.6	27.5
Density		g/cc	Internal	0.91	
SURFACE PROPERTIES					
Treatment Level	TI/TO	dyne/cm	ASTM D 2578	38	38
Haze		%	ASTM D 1003	2.2	2.5
Gloss		^45°	ASTM D 2457	90	90
Coefficient of Friction	UT/UT	Kinetic	ASTM D 1894	0.35	0.35
MECHANICAL PROPERTIES					
Tensile Strength	MD	kg/cm ²	ASTM D 882	1200	1200
	TD			2500	2500
Tensile Elongation	MD	%	ASTM D 882	150	150
	TD			50	50
Elastic Modulus	MD	kg/cm ²	ASTM D 882	18000	18000
	TD			28000	28000
THERMAL PROPERTIES					
Shrinkage	MD	%	Internal	4	4
	TD			2	2
Heat Seal Range		°C	Internal	107-145	
Heat Seal Strength		g/25mm	130°C/2 Bar/1 Sec	300	350
BARRIER PROPERTIES					
WVTR		g/m ² /day	ASTM F 1249	6	5.5
OTR		cc/m ² /day	ASTM D 3985	2100	1850

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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