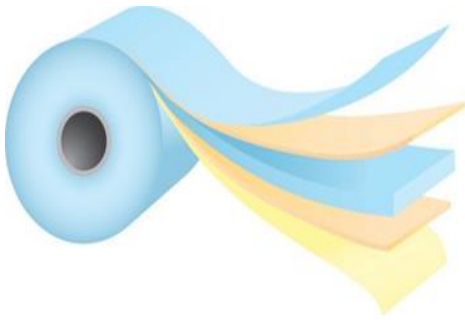


Sealable Clear BOPP Film

OPLAR SCL (A07) Overwrap Grade



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

Product Features

- Good optical properties
- Good anti-static properties
- Consistent and stable slip
- Suitable for various printing machines

OPLAR-SCL A07 grade is Sealable Clear BOPP Film with high gloss for use in printing & overwrapping applications. Untreated heat seal surface has good seal strength & sealing temperature range. The corona treated side is specifically designed for excellent adhesion of inks and lamination adhesives.

Typical Applications

- Pillow packs
- Printed overwraps

Properties		Unit	Test Method	18	20	25	30	40
Nominal Thickness		Micron	Internal	18	20	25	30	40
Grammage		g/m ²	ASTM D 1505	16.4	18.2	22.8	27.3	36.4
Yield		m ² /kg	Internal	61.1	54.9	44.0	36.6	27.5
Density		g/cc	Internal	0.91				
SURFACE PROPERTIES								
Treatment Level	TI/TO	dyne/cm	ASTM D 2578	38	38	38	38	38
Haze		%	ASTM D 1003	1.8	2	2.2	2.5	2.5
Gloss		^45°	ASTM D 2457	85	85	85	85	85
Static Charge		kv	ASTM D 2578	<1				
Coefficient of Friction	UT/UT	Kinetic	ASTM D 1894	0.25	0.25	0.25	0.25	0.25
MECHANICAL PROPERTIES								
Tensile Strength	MD	kg/cm ²	ASTM D 882	1300	1300	1300	1300	1300
	TD			2500	2500	2500	2500	2500
Tensile Elongation	MD	%	ASTM D 882	190	190	190	190	190
	TD			60	60	60	60	60
Elastic Modulus	MD	kg/cm ²	ASTM D 882	18000	18000	18000	18000	18000
	TD			29000	29000	29000	29000	29000
THERMAL PROPERTIES								
Shrinkage	MD	%	Internal	4	4	4	4	4
	TD			2	2	2	2	2
Heat Seal Range	UT	°C	Internal	105-145				
Heat Seal Strength	UT/UT	g/25mm	130°C/2 Bar/1 Sec	250	250	350	350	350
BARRIER PROPERTIES								
WVTR		g/m ² /day	ASTM F 1249	7.5	7	7	5	4.5
OTR		cc/m ² /day	ASTM D 3985	2800	2700	2300	2100	2000

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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