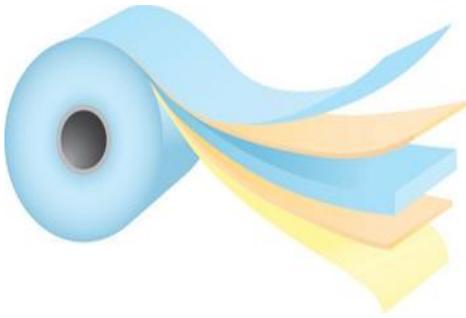


Pearlised White

BOPP Film

OPLAR

SPW (A01) General Purpose



CORONA TREATED SKIN
 MODIFIED INTERMEDIATE LAYER
 WHITE CAVITATED CORE LAYER
 MODIFIED INTERMEDIATE LAYER
 UNTREATED HEAT SEALABLE SKIN

Product Features

- Pearlescent appearance
- High yield due to low density
- Non-toxic suitable for food contact
- High gloss on outer surface gives good print presentation

Typical Applications

- Can be used as unprinted, surface printed, unsupported or laminated with structure
- Bakery, dairy, confectionary and box wrapping

OPLAR-SPW A01 grade is Sealable Caviated Pearlised BOPP film with one side heat sealable layer for use in printing, unsupported and laminated structures in packaging applications. The corona treated side is specifically designed for excellent adhesion of inks and lamination adhesives.

Properties		Unit	Test Method	28	30	35	40	45	
Nominal Thickness		Micron	Internal	28	30	35	40	45	
Grammage		g/m ²	ASTM D 1505	21.0	22.5	26.3	30.0	33.8	
Yield		m ² /kg	Internal	47.6	44.4	38.1	33.3	29.6	
Density		g/cc	Internal	0.75					
SURFACE PROPERTIES									
Treatment Level	TI/TO	dyne/cm	ASTM D 2578	38	38	38	38	38	
Transmittance		%	ASTM D 1003	34	33	30	28	26	
Gloss		^45°	ASTM D 2457	85	85	85	85	85	
Coefficient of Friction	UT/UT	Kinetic	ASTM D1894	0.35	0.35	0.35	0.35	0.35	
MECHANICAL PROPERTIES									
Tensile Strength	MD	kg/cm ²	ASTM D 882	700	700	700	700	700	
	TD			1400	1400	1400	1400	1400	
Tensile Elongation	MD	%	ASTM D 882	140	140	140	140	140	
	TD			40	40	40	40	40	
Elastic Modulus	MD	kg/cm ²	ASTM D 882	8000	8000	8000	8000	8000	
	TD			18000	18000	18000	18000	18000	
THERMAL PROPERTIES									
Shrinkage	MD	%	Internal	4	4	4	4	4	
	TD			2	2	2	2	2	
Heat Seal Range		UT	°C	110-145					
Heat Seal Strength		UT/UT	g/25mm	130°C/2 Bar/1 Sec	200	200	250	250	300
BARRIER PROPERTIES									
WVTR			g/m ² /day	ASTM F 1249	8	7.5	6	5	4.5
OTR			cc/m ² /day	ASTM D 3985	2400	2300	2300	2200	2200

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

Disclaimer: The information provided above is based on SRF FLEXI PAK 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 FLEXI PAK 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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