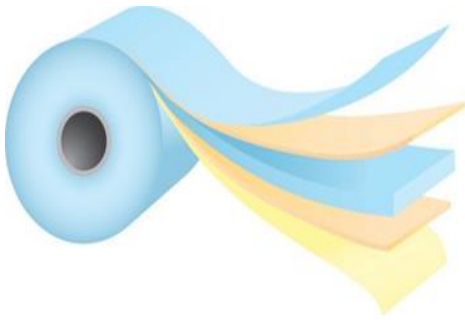


# Pearlised White

## BOPP Film

# OPLAR

## SPW (T01) Low SIT



CORONA TREATED SKIN  
 MODIFIED INTERMEDIATE LAYER  
 WHITE CAVITATED CORE LAYER  
 MODIFIED INTERMEDIATE LAYER  
 SLIP MODIFIED LOW SIT SKIN

### Product Features

- Pearlescent appearance
- High yield due to low density
- Uniform low slip
- Non-toxic suitable for food contact

OPLAR-SPW T01 grade is Pearlised White BOPP film with one side Corona treatment and other side low sealing temperature. It is specially designed for high speed packaging applications.

### Typical Applications

- High speed packaging
- Ideal for snack food and confectionary packing

Properties		Unit	Test Method	28	30	38	40
Nominal Thickness		Micron	Internal	28	30	38	40
Grammage		g/m <sup>2</sup>	ASTM D 1505	21.0	22.5	28.5	30.0
Yield		m <sup>2</sup> /kg	Internal	47.6	44.4	35.1	33.3
Density		g/cc	Internal	0.75			
<b>SURFACE PROPERTIES</b>							
Treatment Level	TI/TO	dyne/cm	ASTM D 2578	38	38	38	38
Opacity		%	Internal	75	78	81	81
Gloss		^45°	ASTM D 2457	85	85	85	85
Coefficient of Friction	UT/UT	Kinetic	ASTM D1894	<0.35	<0.35	<0.35	<0.35
<b>MECHANICAL PROPERTIES</b>							
Tensile Strength	MD	kg/cm <sup>2</sup>	ASTM D 882	700	700	700	700
	TD			1400	1400	1400	1400
Tensile Elongation	MD	%	ASTM D 882	140	140	140	140
	TD			40	40	40	40
Elastic Modulus	MD	kg/cm <sup>2</sup>	ASTM D 882	8000	8000	8000	8000
	TD			18000	18000	18000	18000
<b>THERMAL PROPERTIES</b>							
Shrinkage	MD	%	Internal	4	4	4	4
	TD			2	2	2	2
Heat Seal Range		°C	Internal	90-145			
Heat Seal Strength		g/25mm	130°C/2 Bar/1 Sec	280	300	350	350
<b>BARRIER PROPERTIES</b>							
WVTR		g/m <sup>2</sup> /day	ASTM F 1249	6	5.5	4.5	4.5
OTR		cc/m <sup>2</sup> /day	ASTM D 3985	2100	2000	1800	1800

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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