

SEPEHR POLYMER SEPAHAN COMPLEX

Product	Biaxially oriented polypropylene film
Grade	SPS-WPP-10-S1

Product Description:

SPS-WPP-10-S1 is a white polypropylene film
It is one side corona treated and one side heat sealable

Application:

General printing and lamination
Heat seal packaging

Key Features:

- *Low light transmission
- *Improved tensile & elongation properties
- *High opaque
- *Good sealing strength

Properties	Technical value				Unit	Test Method
Thickness	27	30	35	40	Micron	SPS
	108	120	140	160	Gauge	
Transmittance	42	40	38	35	%	ASTM D-1003
Gloss	50	50	50	50	-	ASTM D-523
Opacity	70	70	75	75	%	ASTM D-2457
Yield	52.91	47.62	40.82	35.71	m ² /Kg	SPS
	37277	33549	28756	25162	In ² /lb	
Tensile	90	90	90	90	Mpa TD	ASTM D-882
	70	70	70	70	Mpa MD	
Elongation	30	30	30	30	% TD	ASTM D-882
	90	90	90	90	% MD	
Linear Shrinkage (Min) (5 minute at 130°C)	<3.0 <5.0				% TD	ASTM D-1204
					% MD	
Density	0.70	0.70	0.70	0.70	gm/cc	ASTM D-1505
Grammage	18.9	21	24.5	28	gm/m ²	SPS
C.O.F (plain to plain)	0.40	0.40	0.40	0.40	-	ASTM D-1894
Sealing Strength	1.5	1.5	2	2	N/15mm	SPS
Heat Seal Initiation Temperature	120	120	120	120	°C	SPS
O.T.R.(23°C & 0%RH)	1700	1600	1550	1500	cc/m ² /day	ASTM D-3985
	110	104	100	98	cc/100in ² /day	
W.V.T.R.(38°C & 90%RH)	6	6	5.5	5.5	gm/m ² /day	ASTM F-1249
	0.39	0.39	0.36	0.36	gm/100in ² /day	
Treatment Level (Corona treated side)	40	40	40	40	mN/m	ASTM D-2578

This film complies with the food standards. Full detail can be provided on request.

SPS CO film does not guarantee the typical values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. This Information relates only to specific material designated and may not be valid for such material used in combination with any other material or in any process.

SPS CO strongly suggest that before any vast usage, make sure to test our production first.