

SEPEHR POLYMER SEPAHAN COMPLEX

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

Product Description:

SPS-METPP-10 is a metallized polypropylene film
It is one side metallized & other side sealable

*Excellent WVTR, OTR, and light barrier properties

*Good sealing strength

Application:

Heat seal lamination & Conversion
Board, paper and film lamination

Key Features:

- * High tensile strength for easy lamination
- * Excellent heat reflection properties
- *Mirrored metallic Surface
- *Excellent adhesion and bright foil appearance

Properties	Technical value			Unit	Test Method
Thickness	20	25	30	Micron	SPS
	80	100	120	Gauge	
Optical density	2	2	2	%	ASTM D-1003
Yield	54.94	43.96	36.63	m ² /Kg	SPS
	38710	30968	25807	In ² /lb	
Tensile	240	245	250	Mpa TD	ASTM D-882
	120	125	130	Mpa MD	
Elongation	60	60	60	% TD	ASTM D-882
	160	160	160	% MD	
Linear Shrinkage (Min) (5 minute at 130°C)	<3.0 <5.0			% TD	ASTM D-1204
				% MD	
Density	0.91	0.91	0.91	gm/cc	ASTM D-1505
Grammage	18.2	22.75	27.3	gm/m ²	SPS
C.O.F (Sealable to Sealable)	0.40	0.40	0.40	-	ASTM D-1894
Sealing Strength	1.5	1.5	2	N/15mm	SPS
Heat Seal Initiation Temperature	120	120	120	°C	SPS
O.T.R.(23°C & 0%RH)	100	80	80	cc/m ² /day	ASTM D-3985
	6.45	5.16	5.16	cc/100in ² /day	
W.V.T.R.(38°C & 90%RH)	0.5	0.5	0.5	gm/m ² /day	ASTM F-1249
	0.03	0.03	0.03	gm/100in ² /day	

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.