

SEPEHR POLYMER SEPAHAN COMPLEX

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

Product Description:

SPS-MATPP-10-S1 is a matt polypropylene film

It is one side corona treated and one side heat sealable

Application:

General printing and lamination

Heat seal packaging

Key Features:

* Very good matt effect

* Low surface gloss

*Improved tensile & elongation properties

*Good sealing strength

Properties	Technical value		Unit	Test Method
Thickness	17	20	Micron	SPS
	68	80	Gauge	
Haze	70	70	%	ASTM D-1003
Gloss	12	12	-	ASTM D-523
Yield	64.64	54.94	m ² /Kg	SPS
	45542	38710	In ² /lb	
Tensile	230	230	Mpa TD	ASTM D-882
	110	110	Mpa MD	
Elongation	60	60	% TD	ASTM D-882
	160	160	% MD	
Linear Shrinkage (Min) (5 minute at 130°C)	<3.0		% TD	ASTM D-1204
	<5.0		% MD	
Density	0.91	0.91	gm/cc	ASTM D-1505
Grammage	15.47	18.2	gm/m ²	SPS
C.O.F (plain to plain)	0.40	0.40	-	ASTM D-1894
Sealing Strength	1.5	1.5	N/15mm	SPS
Heat Seal Initiation Temperature	120	120	°C	SPS
O.T.R.(23°C & 0%RH)	1900	1800	cc/m ² /day	ASTM D-3985
	122	116	cc/100in ² /day	
W.V.T.R.(38°C & 90%RH)	6.5	6.5	gm/m ² /day	ASTM F-1249
	0.42	0.42	gm/100in ² /day	
Treatment Level (Corona treated side)	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.