

SEPEHR POLYMER SEPAHAN COMPLEX

Product	Biaxially oriented polypropylene film
Grade	SPS-GPP-10-S2

Product Description:

SPS-GPP-10-S2 is a transparent polypropylene film
It is one side corona treated and both side heat sealable

Application:

General heat seal packaging
One side printing & lamination

Key Features:

- *Excellent clarity & transparency
- *Improved tensile & elongation properties
- *Excellent machinability & handling properties
- *Good sealing strength on both sides

Properties	Technical value				Unit	Test Method	
Thickness	20	25	30	40	Micron	SPS	
	80	100	120	160	Gauge		
Haze	2.5	2.5	3.0	3.5	%	ASTM D-1003	
Gloss	85	85	85	85	-	ASTM D-523	
Yield	54.94	43.96	36.63	27.47	m ² /Kg	SPS	
	38710	30968	25807	19355	In ² /lb		
Tensile	240	245	250	255	Mpa	TD	ASTM D-882
	120	125	130	135	Mpa	MD	
Elongation	60	60	60	60	%	TD	ASTM D-882
	160	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	0.91	gm/cc	ASTM D-1505	
Grammage	18.2	22.75	27.3	36.4	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)	1800	1700	1600	1500	cc/m ² /day	ASTM D-3985	
	116	110	104	98	cc/100in ² /day		
W.V.T.R.(38°C & 90%RH)	6.5	6	6	5.5	gm/m ² /day	ASTM F-1249	
	0.42	0.39	0.39	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.