

SEPEHR POLYMER SEPAHAN COMPLEX

Product	Polyethylene Terephthalate film
Grade	SPS-SMATPET-20

Product Description:

SPS-SMATPET-20 is a super matt polyester film
 It is one side chemical treated & other side untreated

Application:

Labels and tags
 Laminates for use in packaging
 Metal lamination

Key Features:

- *Very low surface gloss
- * Very good matt effect
- *Improved tensile & elongation properties

Properties	Technical value		Unit	Test Method
Thickness	12	18	Micron	SPS
	48	72	Gauge	
Haze	70	75	%	ASTM D-1003
Gloss	30	30	-	ASTM D-523
Yield	59.52	39.68	m ² /Kg	SPS
	41934	27956	In ² /lb	
Tensile	196	196	Mpa TD	ASTM D-882
	186	186	Mpa MD	
Elongation	85	90	% TD	ASTM D-882
	105	110	% MD	
Linear Shrinkage (Max) (30 minute at 150°C)	<1.0 <3.0		% TD	ASTM D-1204
			% MD	
Density	1.4	1.4	gm/cc	ASTM D-1505
Grammage	16.8	25.2	gm/m ²	SPS
C.O.F (plain to plain)	0.50	0.50	-	ASTM D-1894
O.T.R.(23°C & 0%RH)	130	90	cc/m ² /day	ASTM D-3985
	8.5	5.8	cc/100in ² /day	
W.V.T.R.(38°C & 90%RH)	45	35	gm/m ² /day	ASTM F-1249
	2.9	2.3	gm/100in ² /day	
Treatment Level (Primer coated side)	42	42	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.