

**SEPEHR POLYMER SEPAHAN COMPLEX**

<b>Product</b>	<b>Polyethylene Terephthalate film</b>
<b>Grade</b>	<b>SPS-MATTPET-10</b>

**Product Description:**

SPS-MATTPET-10 is a matt twist polyester film  
It is one side corona treated & other side untreated

**Application:**

Printing and packaging  
Twist wrapping of candies, chocolates and caramels

**Key Features:**

- \* Very good matt effect
- \* Low surface gloss
- \* Highly twistable
- \* Improved tensile & elongation properties

Properties	Technical value		Unit	Test Method
Thickness	18	23	Micron	SPS
	72	92	Gauge	
Haze	50	50	%	ASTM D-1003
Gloss	75	75	-	ASTM D-523
Yield	39.68	31.05	m <sup>2</sup> /Kg	SPS
	27956	21876	In <sup>2</sup> /lb	
Tensile	196	196	Mpa TD	ASTM D-882
	186	186	Mpa MD	
Elongation	90	90	% TD	ASTM D-882
	110	115	% MD	
Linear Shrinkage (Min) (30 minute at 150°C)	23<		% TD	ASTM D-1204
	25<		% MD	
Density	1.4	1.4	gm/cc	ASTM D-1505
Grammage	25.2	32.2	gm/m <sup>2</sup>	SPS
C.O.F (plain to plain)	0.50	0.50	-	ASTM D-1894
O.T.R.(23°C & 0%RH)	90	80	cc/m <sup>2</sup> /day	ASTM D-3985
	5.8	5.2	cc/100in <sup>2</sup> /day	
W.V.T.R.(38°C & 90%RH)	35	30	gm/m <sup>2</sup> /day	ASTM F-1249
	2.3	2.0	gm/100in <sup>2</sup> /day	
Treatment Level (Corona treated side)	60	60	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.