

SEPEHR POLYMER SEPAHAN COMPLEX

Product	Polyethylene Terephthalate film
Grade	SPS-METTPET-10

Product Description:

SPS-METTPET-10 is a metallized twist polyester film
It is one side corona treated & other side untreated
Metallized film is advised to be primer covered before printing

Application:

Printing and packaging
Twist wrapping of candies, chocolates and caramels

Key Features:

- *Highly twistable
- * High tensile strength for easy lamination
- * Excellent heat reflection properties
- *Mirrored Metallic Surface
- *Excellent WVTR, OTR, and light barrier properties

Properties	Technical value		Unit	Test Method
Thickness	18	23	Micron	SPS
	72	92	Gauge	
Optical density	2	2	%	ASTM D-1003
Yield	39.68	31.05	m ² /Kg	SPS
	27956	21876	In ² /lb	
Tensile	2000	2000	Mpa	TD
	1900	1900	Mpa	MD
Elongation	90	90	%	TD
	110	115	%	MD
Linear Shrinkage (Min) (30 minute at 150°C)	23<		%	TD
	25<		%	MD
Density	1.4	1.4	gm/cc	ASTM D-1505
Grammage	25.2	32.2	gm/m ²	SPS
C.O.F (plain to plain)	0.50	0.50	-	ASTM D-1894
O.T.R.(23°C & 0%RH)	1.1	1.0	cc/m ² /day	ASTM D-3985
	0.07	0.06	cc/100in ² /day	
W.V.T.R.(38°C & 90%RH)	1.0	0.6	gm/m ² /day	ASTM F-1249
	0.06	0.04	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.