

SPSPET-TPT-F1

Product Description:

TPT-F1 is a transparent polyester film
It is one side chemically primed & other side untreated

Applications:

Conversion, Metallization
Printing & lamination
FFS machine

Key Features:

- *Very good transparency & clarity
- *One side chemical coating provide excellent adhesion with inks & adhesives
- *Excellent machinability & handling properties
- *Improved metal adhesion

Properties	Technical Values					Unit	Test Method
Thickness	10	12	23	36	50	Micron	SPS
	40	48	92	144	200	(Gauge)	
Haze	4.0	4.0	5.0	5.5	6.0	%	ASTM D-1003
Yield	71.42	59.52	31.05	19.84	14.28	m ² /kg	SPS
	50318	41934	21876	13978	10060	in ² /lb	
Tensile	2000	2000	2000	2000	2000	Kg/cm ² TD	ASTM D-882
	1900	1900	1900	1750	1750	Kg/cm ² MD	
	28500	28500	28500	28500	28500	(Psi) TD	
	27000	27000	27000	25000	25000	(Psi) MD	
Elongation	80	85	90	90	90	% TD	ASTM D-882
	100	105	115	120	125	% MD	
Linear Shrinkage (30 Minute at 1500C)			< 1.0			% TD	ASTM D-1204
			< 3.0			% MD	
Density	1.4	1.4	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	14.0	16.8	32.2	50.4	70	gm/m ²	SPS
Treatment Level (Chemical coated Side)	52	52	52	52	52	dyne/cm	ASTM D-2578
C.O.F (One side to other side)	0.45	0.45	0.45	0.45	0.45	-	ASTM D-1894
O.T.R. (230C & 0%RH)	155	130	80	70	45	cc/m ² /day	ASTM D-3985
	10.1	8.5	5.2	4.5	2.9	(cc/100in ² /day)	
W.V.T.R.(380C & 90%RH)	50	45	30	20	16	gm/m ² /day	ASTM F-1249
	3.2	2.9	2.0	1.3	1.0	(gm/100in ² /day)	

