

SPSPET-TPT-F6

Product Description:

TPT-F6 is a transparent polyester film
It is one side chemically primed other side corona treated or untreated

Application:

- * Conversion
- * Printing & lamination
- * FFS machine
- * Hot fill, Pasteurization, Sterilization & Retort application

Key Features:

- * High transparency & clarity
- * One side chemical coating provide excellent adhesion with various inks & adhesives
- * Outside corona treated for improved bond with outer substrate
- * Excellent machinability & handling properties

Properties	Typical Value			Unit	Test Method
Thickness	12	23	36	Micron	SPS
	48	92	144	Gauge	
Haze	2.5	2.6	2.8	%	ASTM D-1003
Yield	59.52	31.05	19.84	m ² /kg	SPS
	41934	21876	13978	in ² /lb	
Tensile	2000	2000	2000	Kg/cm ² TD	ASTM D-882
	1900	1900	1750	Kg/cm ² MD	
	28500	28500	28500	Psi TD	
	27000	27000	25000	Psi MD	
Elongation	85	90	90	% TD	ASTM D-882
	105	115	120	% MD	
Linear Shrinkage (30 Minute at 1500C)		< 1.0		% TD	ASTM D-1204
		< 3.0		% MD	
Density	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	16.8	32.2	50.4	gm/m ²	SPS
Treatment Level (Chemical coated Side)	42	42	42	dyne/cm	ASTM D-2578
	(Corona side) 52	52	52		
C.O.F (Coated to plain)	0.45	0.45	0.45	-	ASTM D-1894
	(Coated to corona side) 0.50	0.50	0.50		
O.T.R. (23 ⁰ C & 0%RH)	130	80	70	cc/m ² /day	ASTM D-3985
	8.5	5.2	4.5	(cc/100in ² /day)	
W.V.T.R.(38 ⁰ C & 90%RH)	45	30	20	gm/m ² /day	ASTM F-1249
	2.9	2.0	1.3	(gm/100in ² /day)	

