

SPSPET-TPT-F7

Product Description:

TPT-F7 is a transparent polyester film. It is both side untreated

Application:

Electrical insulation Motor winding, Cable over wrap Leatheroid lamination, Electrical insulation tape

Key Features:

- *Excellent dielectric properties
- *High break down voltage
- *Excellent machinability & handling properties
- *High electrical receptivity

Properties	Technical value						Unit	Test Method
Thickness	12	15	19	23	36	50	Micron	SPS
	48	60	76	92	144	200	(Gauge)	
Haze	3.5	4.0	4.5	5.0	6.0	7.0	%	ASTM D-1003
Yield	59.52	47.62	37.59	31.05	19.84	14.28	m ² /kg	SPS
	41934	33550	26483	21876	13987	10060	In ² /lb	
Tensile	2000	2000	2000	2000	2000	2000	Kg/cm ² TD	ASTM D-882
	1900	1900	1900	1900	1750	1750	Kg/cm ² MD	
	28500	28500	28500	28500	28500	28500	(Psi) TD	
	27000	27000	27000	27000	25000	25000	(Psi) MD	
Elongation	85	85	90	90	90	90	% TD	ASTM D-882
	105	105	110	115	120	125	% MD	
Linear Shrinkage (Max.) (30 Minute at 1500C)	<1.0						% TD	ASTM D-1204
							% MD	
Density	1.4	1.4	1.4	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	16.8	21.0	26.6	32.2	50.4	70.0	gm/m ²	SPS
C.O.F (plain to plain)	0.50	0.50	0.50	0.50	0.45	0.45	-	ASTM D-1894
O.T.R. (230C & 0%RH)	130	110	90	80	70	45	cc/m ² /day	ASTM D-3985
	8.5	7.1	5.8	5.2	4.5	2.9	(cc/100in ² /day)	
W.V.T.R.(380C & 90%RH)	45	40	35	30	20	16	gm/m ² /day	ASTM F-1249
	2.9	2.6	2.3	2.0	1.3	1.0	(gm/100in ² /day)	