

SPSPET-TPT-F11

Product Description:

TPT-F11 is a transparent polyester film
It is both side untreated

Application:

This film is specially designed for silicon coating application

Key Features:

- *high mechanical strength and durability
- *optical clarity
- *good thermal and dimensional stability
- *Excellent machinability

Properties	Technical Values					Unit	Test Method
Thickness	19	23	30	36	50	Micron	SPS
	76	92	120	144	200	Gauge	
Haze	4.0	5.0	6.0	7.0	9.0	%	ASTM D-1003
Yield	37.59	31.05	23.8	19.84	14.28	m ² /kg	SPS
	26483	21876	16768	13978	10060	in ² /lb	
Tensile	2000	2000	2000	2000	2000	Kg/cm2 TD	ASTM D-882
	2100	2100	2100	2100	1900	Kg/cm2 MD	
	28500	28500	28500	28500	28500	(Psi) TD	
	30000	30000	30000	30000	27000	(Psi) MD	
Elongation	90	90	90	90	90	% TD	ASTM D-882
	110	115	120	120	125	% MD	
Linear Shrinkage (30 Minute at 1500C)			0.0			% TD	ASTM D-1204
			3.0			% MD	
Density	1.4	1.4	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	26.6	32.2	42	50.4	70.0	gm/m ²	SPS
C. O. F (Plain to plain)	0.40	0.40	0.40	0.35	0.35	-	ASTM D-1894
O.T.R. (230C & 0%RH)	90	80	75	70	45	cc/m ² /day	ASTM D-3985
	5.8	5.2	4.8	4.5	2.9	(cc/100in ² /day)	
W.V.T.R.(380C & 90%RH)	35	30	25	20	16	gm/m ² /day	ASTM F-1249
	2.3	2.0	1.6	1.3	1.0	(gm/100in ² /day)	