

# SPSPET-TPT-F10

## Product Description:

- \* TPT-F10 is a transparent polyester film .
- \* It is one side corona treated or both side untreated

## Application:

- \* Flexible packaging application
- \* Solvent & water base coating

## Key Features:

- \* Very good gloss & clarity
- \* One side corona treatment provides good adhesion with inks
- \* Excellent surface and good handling properties
- \* Excellent machinability & dimensional stability
- \* Specially designed for FFS machine
- \* Eco friendly characteristics

Properties	Technical Value														Unit	Test Method
	8	9	10	11	12	15	19	23	30	36	50	55	60	75		
Thickness	8	9	10	11	12	15	19	23	30	36	50	55	60	75	Micron	SPS
	32	36	40	44	48	60	76	92	120	144	200	220	240	300	Gauge	
Haze	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	5.0	5.5	5.5	6.0	7.0	%	ASTM D-1003
Yield	89.28	79.36	71.42	64.93	59.52	47.62	37.59	31.05	23.8	19.84	14.28	12.98	11.9	9.52	m <sup>2</sup> /kg	SPS
	62901	55912	50318	45745	41934	33550	26483	21876	16768	13978	10060	9145	8384	6707	in <sup>2</sup> /lb	
Tensile	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	Kg/cm <sup>2</sup> TD	ASTM D-882
	1900	1900	1900	1900	1900	1900	1900	1900	1900	1750	1750	1750	1700	1700	Kg/cm <sup>2</sup> MD	
	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	Psi TD	
	27000	27000	27000	27000	27000	27000	27000	27000	27000	27000	25000	25000	25000	24200	24200	
Elongation	80	80	80	85	85	85	85	90	90	90	90	100	100	100	% TD	ASTM D-882
	90	90	100	100	105	105	110	115	120	120	125	125	130	130	% 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	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	11.2	12.6	14.0	15.4	16.8	21.0	26.6	32.2	42	50.4	70.0	77.0	84.0	105.0	gm/m <sup>2</sup>	SPS
Treatment Level (Corona treated Side)	52	52	52	52	52	52	52	52	52	52	52	52	52	52	dyne/cm	ASTM D-2578
C.O.F (Corona treated to Untreated Side) (Untreated to Untreated side)	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.45	0.45	0.45	0.45	0.45	-	ASTM D-1894
	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.40	0.40	0.40	0.40	0.40		
O.T.R. (23°C & 0%RH)	155	155	155	130	130	110	90	80	75	70	45	40	36	32	cc/m <sup>2</sup> /day	ASTM D-3985
	10.1	10.1	10.1	8.5	8.5	7.1	5.8	5.2	4.8	4.5	2.9	2.6	2.3	2.1	cc/100in <sup>2</sup> /day	
W.V.T.R.( 38°C & 90%RH)	50	50	50	45	45	40	35	30	25	20	16	14	10	8	gm/m <sup>2</sup> /day	ASTM F-1249
	3.2	3.2	3.2	2.9	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.9	0.6	0.5	(gm/100in <sup>2</sup> /day)	