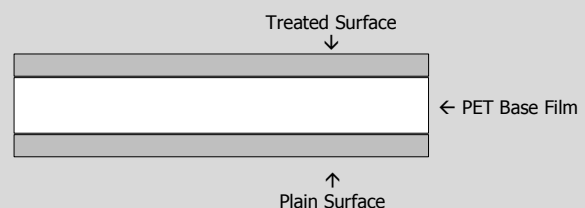


PressSense® Krystal PET P1C is a one-side corona treated polyester film with excellent adhesion to inks and superior adhesion to laminated surfaces. P1C film is a clear film with good gloss and clarity. It exhibits excellent dimensional stability and excellent surface, handling and machinability properties. P1C was specially designed for the FFS machine and exhibits eco-friendly characteristics. It is used in flexible packaging applications

Typical Properties

Property	Unit	Value					Test Method
Thickness	Micron (gauge)	12	19	23	36	50	PS Method
		48	76	92	144	200	
Film Density	Gm/cc	1.4	1.4	1.04	1.4	1.4	D-1505
Grammage	Gm/in ²	16.8	26.6	32.2	50.4	70.0	PS Method
Yield	m ² /kg	59.52	37.59	31.05	19.84	14.28	PS Method
	in ² /lb	41934	26483	21876	13978	10060	
Treatment level #							D-2578
Corona treated side	Dyne/cm	min	52	52	52	52	
Coeff of Kinetic Friction (Corona to untreated)		max	0.50	0.50	0.50	0.45	D-1894
(Untreated to untreated)			0.45	0.45	0.45	0.40	
Haze			4.0	4.0	4.5	5.0	D-1003
Tensile strength at Break	Kg/cm ²	MD	1900	1900	1900	1750	1750
		TD	2000	2000	2000	2000	2000
Tensile strength at Break	psi	MD	27000	27000	27000	25000	25000
		TD	28500	28500	28500	28500	28500
Elongation at Break	%	MD	105	110	115	120	125
		TD	85	85	90	90	90
Linear shrinkage (max)		MD	3.0	3.0	3.0	3.0	3.0
30 min at 150°C		TD	1.0	1.0	1.0	1.0	1.0
W.V.T.R. (38°C & 90%RH)	gm/m ² /day		45	35	30	20	16
	(gm/100in ² /day)		2.9	2.3	2.0	1.3	1.0
O.T.R. (23°C x 0%RH)	cc/m ² /day		130	90	80	70	45
	(cc/100in ² /day)		8.5	5.8	5.2	4.5	2.9



Typical properties should be referenced as a general guide, not as a guarantee. Testing should be completed on material based on individual customer systems, efficiencies, temperatures and applications as properties can change based on customer production methods.