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Laser-Printable White Polyester Film

PC850

Product Information

◆ Product Description

PC850 is a white opaque polyester film with matte-finished coating that provides enhanced adhesion to dry toner-hot fusion digital printing presses. PC850 has excellent printability for broad range of printers and is available in a range of thickness 200ga to 1000ga.

◆ Typical Properties

Property	Unit	Value					Test Method	
General								
Nominal Thickness	Gauge (micron)	200 (50)	300 (75)	500 (125)	700 (175)	1000 (250)	SKC Method	
Density	g/cm ³	1.5	1.5	1.5	1.5	1.5	ASTM D1505	
Yield	inch ² /lb	9,374	6,250	3,750	2,678	1,953		
Mechanical								
Tensile Strength	kpsi	MD	20	20	20	18	20	ASTM D882
		TD	26	28	24	18	23	
Elongation at Break	%	MD	139	115	140	110	115	ASTM D882
		TD	21	80	100	80	75	
Optical								
Whiteness	%	125	121	120	119	110	ASTM D1003	
Light Transmission	%	10	12	8	6	2	ASTM D1003	
Gloss		5	5	5	3	3	ASTM D523	
Thermal								
Heat Shrinkage	%	MD	2.0	2.0	2.0	2.0	2.0	SKC Method (150 °C x 30 min)
		TD	1.0	1.0	1.0	1.0	1.0	

Unit Correlation: Gauge = $\mu\text{m} \div 0.254$, psi = $\text{Kg}/\text{mm}^2 \times 1422.3$, $\text{N}/\text{mm}^2 = \text{x} \times 9.8$

SKCA-TPS-E-8

This information is the best currently available on the subject. The results should, however, only be regarded as a general guide to material properties and not as a guarantee. Some of the properties can be changed as a result of supplier's effort to improve the quality or production efficiency on the subject.