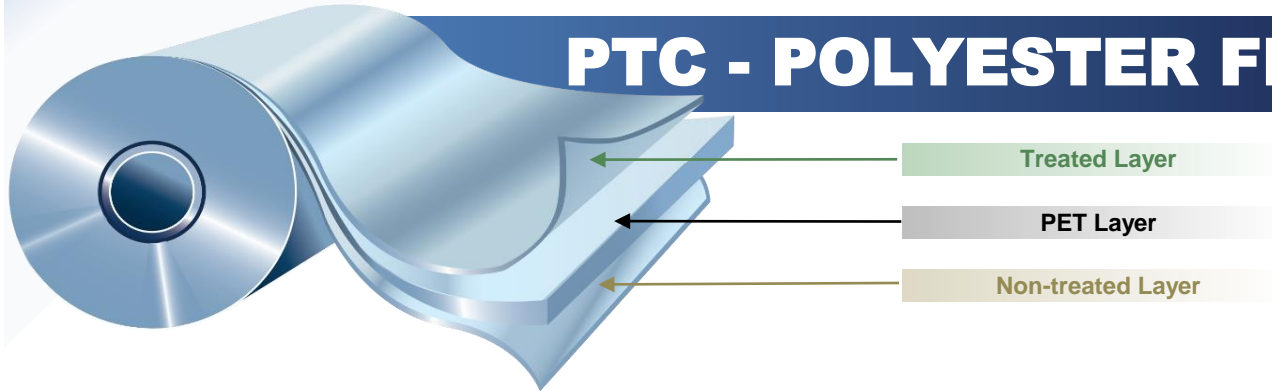


PTC - POLYESTER FILM



PRODUCT FEATURES	PROPERTIES	TEST METHOD	UNITS	TYPICAL VALUES		
<ul style="list-style-type: none"> • Clear • One Side Treat 	Thickness	Supplier Method	Gauge	48	75	92
	Yield		in ² /lb	41,934	26,483	21,876
MECHANICAL PROPERTIES						
	Tensile Strength	ASTM D882	psi MD psi TD	27,000 28,500		
CHARACTERISTICS						
<ul style="list-style-type: none"> • Good transparency • Excellent bonds to metal, adhesives and a variety of inks 	THERMAL PROPERTIES					
	Heat Shrinkage (30 minutes at 302°F)	ASTM D1204	%MD %TD	3.0 1.0		
	SURFACE PROPERTIES					
	Surface Tension	ASTM D2578	Dynes	52		
	Coefficient of Friction	ASTM D1894		0.50	0.50	0.45
OPTICAL PROPERTIES						
	Haze (max)	ASTM D1003	%	4.0	4.0	4.5
APPLICATIONS						
<ul style="list-style-type: none"> • Suitable to be used in a variety of converting processes in the food packaging industry as well as other industrial applications 	BARRIER PROPERTIES					
	WVTR (38°C/90%RH) (max)	ASTM 1249	g/100in ² /24hr	2.90	2.30	2.00
	OTR (38°C/90%RH) (max)	ASTM D3985	g/100in ² /24hr	8.50	5.80	5.20
<i>Note: MD - Machine Direction, TD - Transverse Direction</i>						

FOOD CONTACT

PennPac complies with FDA Regulations for food contact. Specific documents are available upon request.

STORAGE & HANDLING

Recommended storage conditions are room temperature (50 F - 86 F) less than 50% RH, dry, ventilated area not exposed to direct sunlight, liquids, vapors or other heat source(s).

DISCLAIMER

The specified values are minimum values unless otherwise indicated. These values do not constitute specific binding specification. Information in this publication is believed to be accurate and is given in good faith but it is for the Customer to satisfy itself of the suitability for its own particular purpose. Accordingly, **PennPac Company** gives no warranty as to the fitness of the product for any particular purpose and any implied warranty (statutory or otherwise) is excluded.



Information on this specification document is confidential.