

PET

POLYETHYLENE TEREPHTHALATE

CAPABILITIES

- Gauge: .007" to .050" (178 to 1270 μ m)
- Width: 12" to 48" (305 to 1219mm)
- Core size: 6" standard, 3" and 8" available
- Roll O.D.: 29" standard, available up to 40"
- Mono-layer and custom co-extrusions available (A/B); (A/B/A)
- Up to 100% recycled content available
- Silicone coating available
- Graphic arts available
- Prime clear, custom transparent and opaque colors
- Gloss and matte material available
- Side by Side PET available
- PETG available
- Medical grade material available
- 4 strategic manufacturing locations

PROPERTIES

- Excellent clarity and gloss
- Up to 100% recycled content
- Excellent toughness
- Forms easily with good definition
- Good barrier properties
- FDA compliant to CFR 21 #177.1630

TECHNICAL SPECIFICATIONS

	Value	Units	ATSM
Specific Gravity	1.33	grams/cm ²	
Shrinkage	2.0 to 5.0	%	D955
Yield	20,810	in ² /lb./mil of thickness	
Tensile Strength at Yield	7,000 to 9,000	psi	D638
Ultimate Elongation	100 to 400	%	D638
Flexural Modulus	325,000 to 370,000	psi	D790
Intrinsic Viscosity	0.80 to 0.66		D3835
Light Transmission	85 to 92	%	D1003
Haze	≤ 4	%	D1003
Clarity	≥ 97	%	D1003
Typical Thermoforming Temperature	250 to 310 (121 to 154)	$^{\circ}$ F ($^{\circ}$ C)	
Typical Range of Use	0 to 150 (-18 to 66)	$^{\circ}$ F ($^{\circ}$ C)	

CHEMICAL RESISTANCE

- Acid ResistanceGood to excellent
- Strong OxidizersGood to excellent
- AlkaliesFair to good
- Hydrocarbon SolventsGood to excellent
- AlcoholsGood to excellent
- Fat, Grease, and OilGood to excellent

CAPABILITIES AND TECHNICAL SPECIFICATION

The capabilities we list reflect the standard capabilities we offer at the time of this printing. Our capabilities are likely to broaden as we add capacity and expand our product offering. Please call our Sales Team to further discuss your specific needs.

The data herein represents typical values by the methods indicated and should be so considered. Processing variables are a major factor in product performance, this information should serve only as a guide. To the best of our knowledge the data is correct. No warrant is made or implied. The corporation assumes no obligation or liability for the use of data presented.



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