



Your OnLine Source for Plastics
 Plexiglass, Lexan, Polycarbonate, FRP,
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Custom Plastic Fabrication

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Polyester Sheet

Available Thickness (Gauge)

500; 700; 1000

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	500	0.5	%	ASTM D1003
Haze	700	1.0	%	ASTM D1003
Haze	1000	1.0	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	500	206	%	ASTM D882A
Elongation at Break MD	700	217	%	ASTM D882A
Elongation at Break MD	1000	200	%	ASTM D882A
Elongation at Break TD	500	119	%	ASTM D882A
Elongation at Break TD	700	132	%	ASTM D882A
Elongation at Break TD	1000	120	%	ASTM D882A
Tensile Strength MD	500	28,700	psi	ASTM D882A
Tensile Strength MD	700	28,200	psi	ASTM D882A
Tensile Strength MD	1000	26,000	psi	ASTM D882A
Tensile Strength TD	500	29,200	psi	ASTM D882A
Tensile Strength TD	700	31,300	psi	ASTM D882A
Tensile Strength TD	1000	27,000	psi	ASTM D882A
THERMAL				
Shrinkage MD (190°C)	500	2.4	%	Unrestrained @190°C/5 min
Shrinkage MD (190°C)	700	2.4	%	Unrestrained @190°C/5 min
Shrinkage MD (190°C)	1000	2.4	%	Unrestrained @ 190°C/5 min
Shrinkage TD (190°C)	500	1.2	%	Unrestrained @190°C/5 min
Shrinkage TD (190°C)	700	1.0	%	Unrestrained @190°C/5 min
Shrinkage TD (190°C)	1000	1.0	%	Unrestrained @ 190°C/5 min