

ENVIRONMENTALLY STABILIZED POLYMER ENGRAVING SHEET

Tolerances

Gauges	Width/Length
1/4" - 1-1/2" ± 5%	+1/2", -1/4"

Property	Units	ASTM	Nominal Value*
Density	g/cc	D1505	.955
Tensile Strength @ Yield	p.s.i.	D638	>4100
Elongation @ Break	%	D638	>600
Flexural Modulus	p.s.i.	D790	185,000
Tensile Impact	ft. lbs./in ²	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	123
Heat Deflection Temp. 66PSI	°C	D648	75
Co-efficient of Linear Thermal Expansion	in./in./°F	D696	6x10 ⁻⁵

* All values are determined on specimens prepared according to ASTM D 4976. Nominal values should not be interpreted as specifications.



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