



King ColorCore

Environmentally Stabilized Polymer Engraving Sheet

Tolerances	
Gauges	Width/Length
1/4" - 1 1/2" ± 5%	Plus Only at Room Temp.

Properties	Units	ASTM	Nominal Value*
Density	g/cc	D1505	.955
Tensile Strength @ Yield	p.s.i.	D638	>4,100
Elongation @ Break	%	D638	>600
Flexural Modulus	p.s.i.	D790	185,000
Durometer	Shore D	D2240	69
Tensile Impact	ft. lbs./in. ²	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening	°C	D1525	123
Heat Deflection Temp. 66p.s.i.	°C	D648	75
Coefficient of Thermal Expansion	in./in./°F	D696	6x10 ⁵

• All values are determined on specimens prepared according to ASTM D4976. Nominal values should not be interpreted as specifications.

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