

Physical Properties

KING PLASTI-SHIELD[®]

5% Boron Filled Polyethylene Sheet

Tolerances

Gauges

Width/Length

1" ± 5 %

Plus Only at Room Temp.

Properties

Units

ASTM

Nominal Value*

Density	g/cc	D1505	.98
Tensile Strength @ Yield	p.s.i.	D638	>1,400
Elongation @ Break	%	D638	>20%
Flexural Modulus	p.s.i.	D790	65,000
Durometer	Shore D	D2240	70
Tensile Impact	ft. lbs./in. ²	D1822	99
Vicat Softening	°F	D1525	192°
Heat Deflection Temp. 66p.s.i.	°F	D648	183°

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

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