

KING PLASTI-SHIELD®

5% Borated

Tolerance information:

K-Stran™

Gauge 1" ± 5%

Length and width plus only at room temperature

Compression Molding

Gauge 1" ± 10%

Custom sheets, blocks and slabs available in standard or custom colors

Properties	Units	ASTM	Nominal Values
Density (5% Borated)	g/cc	D1505	0.98
Tensile Strength @ Yield	p.s.i.	D638	3,960
Durometer	Shore D	D2240	66
Vicat Softening	°C (°F)	D1525	89°C (192°F)

The above table is for illustration only, designers of radiation shielding must always consult an engineer to determine the shielding requirements for the specific application.

All values are determined on specimens prepared according to ASTM Standards.

Thickness required to attenuate a neutron beam by a factor of 10.

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