

Physical Properties

KING PLASTI-SHIELD®

5% Boron Filled Polyethylene Sheet

Tolerances

Gauges

Width/Length

1" - 3" ± 10%

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	°C	D1525	89
Heat Deflection Temp. 66p.s.i.	°C	D648	84
Notched Izod Impact	-	D256	50

*All values are determined on specimens prepared according to ASTM (if applicable). Nominal values should not be interpreted as specifications

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King Plastic Corporation
1100 N. Toledo Blade Blvd., North Port, FL 34288 USA
TEL: (941) 493-5502 FAX: (941) 497-3274
www.kingplastic.com