

King HIPS

High Impact Polystyrene

Tolerances

Gauges	Width/Length
1/2" - 1-1/4" ± 10% • 1-1/2" and over is + Only	Plus Only at Room Temp.

Properties	Units	ASTM	Nominal Value*
Density	g/cc	D792	1.04
Tensile Strength @ Yield	psi	D638	>3,000
Elongation @ Break	%	D638	50
Flexural Modulus	psi	D790	240,000
Flexuous Strength	psi	D790	4210
Notched Izod Impact	ft.lbs./in	D256	22.8
Vicat Softening Temp.	°F	D1525	210°
Heat Deflection Temp. 264 p.s.i.	°F	D648	185°
Flammability	Rating	UL94	HB

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

King High-Impact Polystyrene is made from FDA materials.

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