



King Performance Commodity Flame Retardant Grade High Black ABS

Tolerances

Gauges

Width/Length

1/2" - 1 1/4" ± 10% • 1 1/2" and over + only

Plus Only at Room Temp.

**Properties**

**Units**

**ASTM**

**Nominal Value\***

Density	g/cc	D1505	1.19
Tensile Strength @ Yield	p.s.i.	D638	>6,400
Elongation @ Break	%	D638	20
Flexural Modulus	p.s.i.	D790	377,000
Flexural Yield Strength	p.s.i.	D790	10,300
Durometer	R Scale	D785	97
Izod Impact	ft. lbs./in.2	D256	5.51
Vicat Softening	°F	D1525	181°
Heat Deflection Temp.@ 66 p.s.i.	°F	D648	189°
Flammability	Rating	UL94	V-0

\*All values are determined on specimens prepared according to ASTM Standards.  
Nominal values should not be interpreted as specifications.  
King KPC ABS FR is environmentally stabilized and RoHS complaint.

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