KING KPC ❖ ABS FR

King Performance Commodities

Tolerance information:

Gauges 1/2" through under 1-1/2" ± 10% | Gauges 1-1/2" and greater plus only

Length and width plus only at room temperature

Custom sheet sizes and gauges available

Properties	Units	ASTM	Nominal Values
Density	g/cc	D1505	1.19
Tensile Strength @ Yield	psi	D638	>6,400
Elongation @ Break	%	D638	20
Flexural Modulus	psi	D790	377,000
Durometer	R Scale	D785	97
Izod Impact	ft.lbs./in.	D256	5.51
Vicat Softening Temp.	°C (°F)	D1525	83°C (181°F)
Heat Deflection Temp. 66psi	°C (°F)	D648	87°C (189°F)
Flammability	Rating	UL94	V-0

Flammability Rating for KPC ABS FR

Nominal Thickness	Nominal Values Unit UL	Test Method UL 94
0.0591 in	V-O	UL 94
0.0787 in	V-O/•5VB	UL 94
0.0984 in	V-O/•5VB	UL 94
0.118 in	V-O/•5VB	UL 94

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

Nominal values should not be interpreted as specifications.

This raw material contains UV stability.

King KPC ABS Black FR is made entirely from FDA approved materials.

King KPC ABS Black FR does not contain any or the 29 substances of very high concern based on the European Chemical Agency.

King KPC ABS Black FR is RoHS Compliant.