



## 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	Flammability Rating for KPC ABS FR		
Density	g/cc	D1505	1.19	Nominal Thickness	Nominal Values Unit UL	Test Method UL 94
Tensile Strength @ Yield	psi	D638	>6,400	0.0591 in	V-O	UL 94
Elongation @ Break	%	D638	20	0.0787 in	V-O/•5VB	UL 94
Flexural Modulus	psi	D790	377,000	0.0984 in	V-O/•5VB	UL 94
Durometer	R Scale	D785	97	0.118 in	V-O/•5VB	UL 94
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			

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.

King Plastic Corporation Limit of Warranty is your money refunded or defective material replaced. All statements, information and data given herein are believed to be accurate and reliable. It is presented without guaranty, warranty or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.

