



Tolerance information:

Compression Molding

Gauges 1/16" through under 1-1/2" ± 10% | Gauges 1-1/2" and greater plus only | Length and width plus only at room temperature

Custom gauges available upon request

Properties	Units	ASTM	Nominal Values Black/Natural ABS	Nominal Values White ABS
Density	g/cc	D1505 / D792	1.03	1.04
Tensile Strength @ Break	%	D638	40	24
Elongation @ Yield	psi	D638	>6,000	>6,400
Flexural Modulus	psi	D790	300,000	333,000
Flexural Strength	psi	D790	10,700	9,430
Durometer	R Scale	D785	102	102
Izod Impact	ft.lbs./in.	D256	7.7	6.0
Vicat Softening Temp.	°C (°F)	D1525	104°C (219°F)	99°C (210°F)
Heat Deflection Temp. 66psi	°C (°F)	D648	94°C (201°F)	97°C (206°F)
Flammability	Rating	UL94	HB	HB

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

Nominal values should not be interpreted as specifications.

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

King KPC ABS Natural is made entirely from FDA approved materials.

King KPC ABS White is made entirely from FDA approved materials.

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

King KPC ABS Black/Natural/White are RoHS Compliant.

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