



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 |
|-----------------------------|-------------|--------------|-------------------------------------|
| Density | g/cc | D1505 / D792 | 1.03 |
| Tensile Strength @ Yield | psi | D638 | >6,000 |
| Elongation @ Break | % | D638 | 40 |
| Flexural Modulus | psi | D790 | 300,000 |
| Flexural Strength | psi | D790 | 10,700 |
| Durometer | R Scale | D785 | 102 |
| Izod Impact | ft.lbs./in. | D256 | 7.7 |
| Vicat Softening Temp. | °C (°F) | D1525 | 104°C (219°F) |
| Heat Deflection Temp. 66psi | °C (°F) | D648 | 94°C (201°F) |
| Flammability | Rating | UL94 | 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 Black/Natural does not contain any of the 29 substances of very high concern based on the European Chemical Agency.

King KPC ABS Black/Natural are RoHS Compliant.

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