



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.

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