



Tolerance information:

Gauges 1/2" up to 1" ±5%
Length and width plus only at room temperature

Custom sheet sizes, gauges and colors available

| Properties | Units | ASTM | Nominal Values |
|-----------------------------------|--------------------------|-------|------------------|
| Density | g/cc | D1505 | 0.955 |
| Tensile Strength @ Yield | psi | D638 | >4,100 |
| Tensile Modulus | psi | D638 | 225,000 |
| Elongation @ Break | % | D638 | >600 |
| Elongation @ Yield | % | D638 | 9.8 |
| Flexural Modulus | psi | D790 | 185,000 |
| Flexural Stress @ 5% Strain | psi | D790 | 3,810 |
| Compressive Properties 10% Strain | psi | D695 | 4,000 |
| Durometer | Shore D | D2240 | 66 |
| Tensile Impact | ft.lbs./in. ² | D1822 | 115 |
| Izod Impact Resistance | ft.lbs./in. ² | D256 | 1.1 |
| Brittleness Temp. | °C (°F) | D746 | <-76°C (<-105°F) |
| Vicat Softening Temp. | °C (°F) | D1525 | 123°C (253°F) |
| Heat Deflection Temp. 66 psi | °C (°F) | D648 | 75°C (167°F) |
| Screw and Nail Withdrawal | lbs | D1761 | 657 & 63 |
| Flammability | Rating | UL94 | HB |
| Slip Resistance (wet) | COF-Wet | D2047 | 0.62 |

All values are determined on specimens prepared according to ASTM.
Nominal values should not be interpreted as specifications.
King StarBoard® AS is made entirely from FDA and USDA approved material.
King StarBoard® AS meets ASTM D4976.
The raw material used to make King StarBoard AS does not contain BPA's or Phthalates.

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