

# KING STARBOARD® AS

## 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. <sup>2</sup>	D1822	115
Izod Impact Resistance	ft.lbs./in. <sup>2</sup>	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)	SCOF-Wet	ANSI B101.1	0.84

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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