

KING PLASTI-BAL®

Tolerance information:

Length and width plus only at room temperature

Custom sheet sizes, gauges, and colors available

Properties	Units	ASTM	Nominal Values
Density	g/cc	D1505	0.96
Tensile Strength @ Yield	psi	D638	>4,100
Tensile Modulus	psi	D638	255,000
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	4,950
Durometer	Shore D	D2240	68
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

All values are determined on specimens prepared according to ASTM.

Nominal values should not be interpreted as specifications.

King Plasti-Bal® is made entirely from FDA and USDA approved material.

King Plasti-Bal® meet ASTM D4976.

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King Plastic Corporation
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