



Tolerances	
Gauge	Both Width & Length
1/4" - 1-1/2" ± 5%	Plus O

Property	Units	ASTM	Nominal Value*
Density	g/cc	D1505	.91
Tensile Strength @ Yield	p.s.i.	D638	>4100
Elongation @ Break	%	D638	>600
Flexural Modulus	p.s.i.	D790	200,000
Durometer	Shore D	D2240	6J
Tensile Impact	ft. lbs./in ²	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	1HG
Heat Deflection Temp. 66PSI	°C	D648	84
Co-efficient of Linear Thermal Expansion	in./in./°F	D696	6x10 ⁻⁵

* All values are determined on specimens prepared according to ASTM D 4976. Nominal values should not be interpreted as specifications.

KING PLASTI-BAL is made entirely from FDA & USDA Approved materials.



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