



PHYSICAL PROPERTIES

KING CUTTINGBOARD®

PROFESSIONAL HIGH DENSITY PE CUTTING BOARD

Tolerances

Gauges	Width/Length
1/4" - 1" ± 5%	Plus Only

Property	Units	ASTM	Nominal Value*
Density	g/cc	D1505	.954
Tensile Strength @ Yield	p.s.i.	D638	>4000
Elongation @ Break	%	D638	>600
Flexural Modulus	p.s.i.	D790	185,000
Flexural Stiffness	p.s.i.	D747	125,000
Tensile Impact	ft. lbs./in ²	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	123
Heat Deflection Temp. 66PSI	°C	D648	73
Co-efficient of Linear Ther- mal Expansion	in./in./°F	D696	6x10 ⁻⁵
Environmental stress	crack resistance	D1693	25 hrs.
Hardness	Shore D	D2240	69

THIS PRODUCT MEETS ALL THE REQUIREMENTS OF THE FDA FOR OLEFIN POLYMERS TO BE USED AS ARTICLES OR COMPONENTS OF ARTICLES FOR CONTACT WITH FOOD AS SET FORTH IN 21 CFR 177.1520.

*All values are determined on specimens prepared according to ASTM D 4976.



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