



PHYSICAL PROPERTIES

KING CUTTINGBOARD[®] XL

LIGHTWEIGHT 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	.652
Tensile Strength @ Yield	p.s.i.	D638	>4,100
Elongation @ Break	%	D638	>600
Flexural Stiffness	p.s.i.	D747	105,000
Tensile Impact	ft. lbs./in ²	D1822	95
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	125
Heat Deflection Temp. 66PSI	°C	D648	75
Co-efficient of Linear Thermal Expansion	in./in./°F	D696	6x10 ⁻⁵
Hardness	Shore D	D2240	68

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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