King CuttingColors

Professional High Density Polyethylene Cutting Board

Tolerances	
Gauges	Width/Length
1/4" - 1" ± 5%	Plus Only at Room Temp.

Properties	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
Hardness	Shore D	D2240	69
Tensile Impact	ft. lbs./in.^{2}	D1822	115
Brittleness Temp.	°C	D746	<-76
Vicat Softening	°C	D1525	123
Heat Deflection Temp. 66p.s.i.	°C	D648	73
Coefficient of Thermal Expansion	in./in./°F	D696	6x10^5
Environmental Stress	crack resistance	D2240	25 hrs.

This product meets all requirements for 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.
King CuttingColors® also meets NSF guidelines.

- All values are determined on specimens prepared according to ASTM D4976

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