



PHYSICAL PROPERTIES

## KING CUTTING COLORS<sup>®</sup>

PROFESSIONAL HDPE CUTTING BOARD IN CUTTING COLORS

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 <sup>2</sup>	D1822	95
Brittleness Temp.	°C	D746	<-76
Vicat Softening Temp.	°C	D1525	125
Heat Deflection Temp. 66PSI	°C	D648	73
Co-efficient of Linear Ther- mal Expansion	in./in./°F	D696	6x10 <sup>-5</sup>
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.



### KING PLASTIC CORPORATION

Phone: (941) 493 - 5502 | Fax: (941) 497 - 3274

1100 North Toledo Blade Blvd. North Port, Florida 34288

Web: [www.kingplastic.com](http://www.kingplastic.com) | [www.kingstarboard.com](http://www.kingstarboard.com)

King Plastic Corporation (KPC) makes no representations or warranties and there are no conditions with respect to accuracy, reliability, or application of the information herein, its products or the safety or suitability thereof, or results obtained, whether expressed or implied including, without limitation, any implied warranty of merchantability of fitness for a particular purpose. Buyers and users must determine the results to be obtained from the application of the information herein and the safety and suitability of KPC's products for their own purposes and assume all risk, responsibility, and liability for all injuries, losses, or damages arising from the application of the information herein or use of KPC's products, whether or not occasioned by KPC's negligence or based on strict product liability. KPC neither assumes nor authorizes any person to assume for it any liability in connection with the use of the information herein or its products.

Dallas, Texas (Corporate Offices)  
Houston, Texas  
Brandon, Mississippi

phone 800-782-1836 / 214-239-3870  
phone 800-282-4388 / 713-979-0660  
phone 800-457-8623 / 601-825-7919

fax 214-239-3871  
fax 713-979-0664  
fax 601-825-7109