

KING COLORCORE®

ENVIRONMENTALLY STABILIZED POLYMER ENGRAVING SHEET

Tolerances

| | |
|--------------------|--------------|
| Gauges | Width/Length |
| 1/4" - 1-1/2" ± 5% | Plus Only |

| Property | Units | ASTM | Nominal Value* |
|--|--------------------------|-------|--------------------|
| Density | g/cc | D1505 | .955 |
| Tensile Strength @ Yield | p.s.i. | D638 | >4100 |
| Elongation @ Break | % | D638 | >600 |
| Flexural Modulus | p.s.i. | D790 | 185,000 |
| 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 | 75 |
| 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 PLASTIC CORPORATION

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

1100 North Toledo Blade Blvd. North Port, Florida 34288

Web: www.kingplastic.com | www.kingstarboard.com

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