

KING COLORBOARD®

Environmentally Stabilized Polymer Colored Sheet

Tolerances

Gauges

Width/Length

1/4" - 1 1/2" ± 5%

Plus Only at Room Temp.

Properties

Units

ASTM

ColorCore®

| | | | |
|-------------------------------------|------------------------|-------|----------|
| Density | g/cc | D1505 | .96 |
| Tensile Strength @ Yield | psi | D638 | >4100 |
| Tensile Modulus | psi | D638 | 225,000 |
| Elongation @ Break | % | D638 | >600 |
| Elongation @ Yield | % | D638 | 9.8 |
| Flexual Modulus | psi | D790 | 185,000 |
| Flexual Stress@5% Strain | psi | D790 | 3,810 |
| Compressive Properties 10% Stain | psi | D695 | 4,950 |
| Durometer | Shore D | D2240 | 68 |
| Tensile Impact | ft lbs/in ² | D1822 | 115 |
| Izod Impact Resistance | ft lbs/in ² | D256 | 1.1 |
| Brittleness Temp. | °F | D746 | <-105° |
| Vicat Softening | °F | D1525 | 253° |
| Heat Deflection Temp. 66p.s.i. | °F | D648 | 210° |
| Screw and Nail Withdrawl | lbs | D1761 | 657 & 63 |
| Flamability | Rating | UL94 | HB |

*All values are determined on specimens prepared according to ASTM Standards. Nominal values should not be interpreted as specifications.

King ColorBoard® is made entirely from FDA and USDA approved materials.

King ColorBoard® meets ASTM ASTM D4976 PE235

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