

# KING COLORBOARD®

## Tolerance information:

Gauges 1/4" up to 3/4"  $\pm$  5%  
Length and width plus only at room temperature

Custom sheet sizes, gauges, and colors available

| Properties                        | Units                    | ASTM  | Nominal Values   |
|-----------------------------------|--------------------------|-------|------------------|
| Density                           | g/cc                     | D1505 | 0.955            |
| Tensile Strength @ Yield          | psi                      | D638  | >4,100           |
| Tensile Modulus                   | psi                      | D638  | 255,000          |
| Elongation @ Break                | %                        | D638  | >600             |
| Elongation @ Yield                | %                        | D638  | 9.8              |
| Flexural Modulus                  | psi                      | D790  | 185,000          |
| Flexural Stress @ 5% Strain       | psi                      | D790  | 3,810            |
| Compressive Properties 10% Strain | psi                      | D695  | 4,950            |
| Durometer                         | Shore D                  | D2240 | 68               |
| Tensile Impact                    | ft.lbs./in. <sup>2</sup> | D1822 | 115              |
| Izod Impact Resistance            | ft.lbs./in. <sup>2</sup> | D256  | 1.1              |
| Brittleness Temp.                 | °C (°F)                  | D746  | <-76°C (<-105°F) |
| Vicat Softening Temp.             | °C (°F)                  | D1525 | 128°C (262°F)    |
| Heat Deflection Temp. 66 psi      | °C (°F)                  | D648  | 99°C (210°F)     |
| Screw and Nail Withdrawal         | lbs                      | D1761 | 657 & 63         |
| Flammability                      | 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 material.

King ColorBoard® meets ASTM D4976.

The raw material used to make King ColorBoard® does not contain BPA's or Phthalates.

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