



Alro Plastics

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KING COLORBOARD®

King ColorBoard®, the colorful environmentally stabilized polymer sheet.

| Physical Properties | ASTM Test | Value | Units |
|-----------------------------------|-----------|----------------|--------------|
| Density | D1505 | 0.955 | g/cc |
| Tensile Strength @ Yield | D638 | >4,100 | psi |
| Tensile Modulus | D638 | 255,000 | psi |
| Elongation @ Yield | D638 | 9.8 | % |
| Elongation @ Break | D638 | >600 | % |
| Flexural Modulus | D790 | 185,000 | psi |
| Flexural Stress @ 5% Strain | D790 | 3,810 | psi |
| Compressive Properties 10% Strain | D695 | 4,950 | psi |
| Durometer | D2240 | 68 | Shore D |
| Tensile Impact | D1822 | 115 | ft.lbs./in.2 |
| Izod Impact Resistance | D256 | 1.1 | ft.lbs./in.2 |
| Brittleness Temperature | D746 | <-76°C (105°F) | °C (°F) |
| Vicat Softening | D1525 | 123°C (253°F) | °C (°F) |
| Heat Deflection Temp. 66 psi | D648 | 75°C (167°F) | °C (°F) |
| Screw and Nail Withdrawal | D1761 | 657 & 63 | lbs. |
| Flammability | UL94 | HB | Rating |

All values are determined on specimens prepared according to ASTM Standards.

Nominal values should be interpreted as specifications.

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

King ColorBoard® meets ASTM D4976.

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