The Lightweight Polymer Sheet for Food Applications with an Advanced Antimicrobial Technology

King CuttingBoard® XL is the lightweight polymer sheet for food applications with an advanced antimicrobial technology for protecting the cutting board against stain and odor-causing microorganisms. The natural color polymer sheet is 30% lighter in weight than solid King CuttingBoard®. Now manufactured with an advanced antimicrobial technology to produce a more effective application compared to our formerly untreated cutting board polymer sheet. The non-porous surface does not absorb food odors and is easy to clean and sanitize. Studies have shown that surfaces with the antimicrobial technology can inhibit the amount of certain product-damaging microorganisms by 99.9999%* compared to an untreated surface.

King CuttingBoard® XL antimicrobial polymer sheet is NSF listed to meet requirements of commercial food processing operations for direct and indirect food contact.

Food Service Products

Applications

- Buffets
- Butcher Blocks
- Commercial and Consumer Cutting Boards
- Food Preparation and Packaging
- Food Processing Components
- Salad Bars
Specifications

Standard Sheet Sizes
in: 60" x 96"
mm: 1524mm x 2438.5mm

in: 60" x 120"
mm: 1524mm x 3048mm

Standard Gauges
in: 1/4" | 1/2" | 3/4" | 1"
mm: 6.35mm | 12.7mm | 19.05mm | 25.4mm

Approximate Weight 60" x 96"
lbs: 40 lbs | 80 lbs | 120 lbs | 160 lbs
kg: 18.14kg | 36.29kg | 54.43kg | 72.57kg

Approximate Weight 60" x 120"
lbs: 50 lbs | 100 lbs | 150 lbs | 200 lbs
kg: 22.67kg | 45.36kg | 60kg | 90.72kg

Tolerance information: Gauges 1/4" up to 1" ± 5%
Length and width plus only at room temperature

Custom sheet sizes and gauges available

Properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Units</th>
<th>ASTM</th>
<th>Nominal Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>g/cm³</td>
<td>D792</td>
<td>0.77</td>
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<tr>
<td>Tensile Strength @ Yield</td>
<td>psi</td>
<td>D638</td>
<td>&gt;3,300</td>
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<tr>
<td>Tensile Modulus</td>
<td>psi</td>
<td>D638</td>
<td>165,000</td>
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<tr>
<td>Elongation @ Yield</td>
<td>%</td>
<td>D638</td>
<td>9.6</td>
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<tr>
<td>Flexural Modulus</td>
<td>psi</td>
<td>D790</td>
<td>130,000</td>
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<tr>
<td>Flexural Stress @ 5% Strain</td>
<td>psi</td>
<td>D790</td>
<td>2,990</td>
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<tr>
<td>Compressive Properties 10% Strain</td>
<td>psi</td>
<td>D695</td>
<td>2,910</td>
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<td>Durometer</td>
<td>Shore D</td>
<td>D2240</td>
<td>64.9</td>
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<tr>
<td>Izod Impact Resistance</td>
<td>ft.lbs./in.²</td>
<td>D256</td>
<td>1.4</td>
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<tr>
<td>Heat Deflection Temp. 66 psi</td>
<td>°C (°F)</td>
<td>D648</td>
<td>86.7°C (188°F)</td>
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<tr>
<td>Screw Holding Strength</td>
<td>lbs</td>
<td>D1761</td>
<td>325</td>
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</table>

*All values are determined on specimens prepared according to ASTM standards.
Nominal values should not be interpreted as specifications.
King CuttingBoard® XL is made entirely from FDA and USDA approved material.
King CuttingBoard® XL is NSF approved for Standards 2 & 51.

King Plastic Corporation
Our Innovation. Your Imagination.®

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