

SIMONA® HDPE Cutting Board Sheet

For durable, easy-to-clean food prep products and surfaces

SIMONA® HDPE Cutting Board extruded sheets perform exceptionally well in a variety of food preparation and processing applications. The matte finish cleans easily, and it meets the standards and specifications set by the US and Canadian Departments of Agriculture, and NSF. Our low stress production technology also gives Cutting Board superior flatness and consistency in fabrication.



TYPICAL PROPERTIES: SIMONA® HDPE Cutting Board Sheet

| PROPERTY unit of measure ¹ | TEST METHOD | TYPICAL MINIMUM VALUES |
|--|-------------|---|
| Specific Gravity | ASTM D792 | 0.97 |
| MECHANICAL | | |
| Tensile Strength @ yield | ASTM D638 | 4,400 psi |
| Flexural Modulus | ASTM D790 | > 215,000 |
| Shore D Hardness | ASTM D2240 | 68 |
| THERMAL | | |
| Continuous Service Temperature | Maximum | 170 °F (76 °C) |
| Melting Point | ASTM D3418 | 267 °F (130.7 °C) |
| Coeff. of Expansion in./in./°F x 10 ⁵ (mm/mm, °C x 10 ⁵) | ASTM D696 | 10 x 10 ⁻⁵ in./in., °F (18 x 10 ⁻⁵ mm, °C) |
| Heat Deflection Temp. @ 66 psi (0.45 MPa) | ASTM D648 | 167 °F (75 °C) |
| Heat Deflection Temp. @ 264 psi (1.8 MPa) | ASTM D648 | 110 °F (43.3 °C) |

¹All tests at 73 °F (23 °C) in dry conditions unless otherwise noted.

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Advantages

- Resists chipping and cracking
- Light weight
- Matte finish cleans easily
- Abrasion resistant
- Resists moisture, staining
- Durable at low temperatures
- Easy, consistent fabrication

Applications

- Cutting boards
- Food preparation surfaces

Configurations

- Standard sheet sizes
 - 48 x 96, 48 x 120, 60 x 120 in.
(1,220 x 2,440, 1,220 x 3048
and 1,524 x 3048 mm)
- Gauges
 - 0.5, 0.75, 1 in.
(12.7, 19.05, 25.4 mm)
- Standard Color:
 - Natural
- Custom colors available with minimums including:
 - Red
 - Blue
 - Green
 - Tan
 - Yellow
 - Black
- Standard finish
 - Matte

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