

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.



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

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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