

## 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 <sup>1</sup>	TEST METHOD	TYPICAL MINIMUM VALUES
Specific Gravity	ASTM D792	0.97
<b>MECHANICAL</b>		
Tensile Strength @ yield	ASTM D638	4,400 psi
Flexural Modulus	ASTM D790	> 190,000
Shore D Hardness	ASTM D2240	71
<b>THERMAL</b>		
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 <sup>5</sup> (mm/mm, °C x 10 <sup>5</sup> )	ASTM D696	0.8 x 10 <sup>-5</sup> in./in., °F (18 x 10 <sup>-5</sup> 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	154 °F (48 °C)

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

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#### Advantages

- Resists shipping 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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