



Data Sheet No: 10515
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DATA SHEET			
SANALITE® Homopolymer Polypropylene Cutting Board (FDA, USDA & NSF)			
Property	Units	Test Method	Typical Average Values
Mechanical			
Specific Gravity, 73° F	-	ASTM D792	.92
Yield Point, 73° F	psi	ASTM D638	5100
Elongation at Yield, 73° F	%	ASTM D638	11
Tensile Break, 73°F	psi	ASTM D638	5100
Tensile Elongation (at break), 73° F	%	ASTM D638	400
Tensile Modulus of Elasticity, 73° F	psi	ASTM D638	190000
Flexural Modulus of Elasticity, 73° F	psi	ASTM D790	200000
Izod Impact (notched), 73° F	ft.lb./in.	ASTM D256 Type "A"	1.2
Hardness, Durometer, Shore "D" Scale, 73° F	-	ASTM D2240	78
Thermal			
Heat Deflection Temperature 66 psi	°F	ASTM D648	210
Melting Point (crystalline) peak	°F	ASTM D3418	327
Continuous Service Temperature in Air (Max.)(1)	°F	-	180
Electrical			
Volume Resistivity	Ohm-cm	ASTM D257	>10 ¹⁵
Surface Resistivity	Ohm	ASTM D257	>10 ¹⁵
Flammability @ 3.1 mm (1/8 in.) (3)	-	UL94	HB
Miscellaneous			
Water Absorption	% by wt.	ASTM D570(2)	

- (1) Data represent Quadrant's estimated maximum long-term service temperature based on practical field experience.
- (2) Specimens: 1/8" thick x 2" diameter or square.
- (3) **Estimated rating based on available data.** The UL 94 Test is a laboratory test and does not relate to actual fire hazard. Contact Quadrant for specific UL "Yellow Card" recognition number.

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