

# Technical Data

Sentio is a solid surface material made from natural minerals and a polymer binder. It is this unique blend that results in a durable, hygienic surface ideal for kitchen and bathroom benchtops.

Property	Test Method	Result
Absorption by weight	ASTM C97/C97M-15	0.07%
Density	ASTM C97/C97M-15	1.77 g/cm <sup>3</sup>
Flexural Strength	ASTM D790-17	56.3 MPa
Flexural Modulus	ASTM D790-17	10,600 MPa
Tensile Strength	ASTM D638-14	35.1 MPa
Barcol Hardness	ASTM D2583-13a	55
High Temperature resistance	NEMA ID-3-2005	Unaffected
Heated Pan Test	ANSI Z124.6-2007 Section 5.6	No visible change
Chemical Resistance	ANSI Z124.6-2007 Section 5.5	Unaffected
Stain Resistance	NSF Food Safety Certification	Pass
Boiling Water Resistance	NEMA LD-3-2005	Unaffected
Resistance to Cigarette Burns	ANSI Z124.6-2007 Section 5.4	Visible stains remain but can be restored by clean abrasive cloth and water
Antimicrobial activity test	ASTM G21-15	0 Grade
Assessment of antimicrobial activity	ASTM E2180-07	99.80%
Izod Notched Impact Strength	ASTM D256-10e1 Method A	18 J/m
Impact Resistance (Ball)	JCT/908-2013	No visible damage at height 610 mm
Light fastness xenon arc	ANSI Z124.6-2007 / ASTM D2565-99(2008) / ASTM D2244-16	Pass
Surface Burning Characteristics	ASTM E84-17	Class A
Slip resistance 120 grit	DIN 51130	Pass R9
Slip resistance 150 grit	DIN 51130	Pass R9