

Test Data Sheet

Vendura® Solid Surface products are homogeneous nonporous material. This material is an acrylic modified polyester, filled with natural mineral fillers and proprietary colorants and granules. Available products include sheet stock of any thickness for fabrication of countertops, work surfaces, and window sills; and a full line of molded products such as sinks, shower receptors, and bathroom accessories. Vendura® Solid Surface products have been tested and meet or exceed all standards in the ANSI SS-1 Performance Standard for Solid Surface Materials.

Property	Test	Results
Point Impact Resistance (½" Material Only)	½ lb. Steel Ball Drop at 204 inches	No Damage
Knife Drop Test (½" Material Only)	ANSI Z124.6-1990	No Cracks or Fractures
Skillet Drop Test (½" Material Only)	10.5 inch Cast Iron Skillet weighing 4.5 lbs. Drop at 12 inches	No Cracks or Fractures
Load Test (½" Material Only)	300 lbs. On a 24 inch by 30 inch panel	Passes 0.003" Residual Deflection
Colorfastness	ASTM D 2565	Passes
Stain Resistance	ANSI Z124.6-1997 Paragraph 5.2	Passes
Cigarette Resistance	ANSI Z124.6-1997 Paragraph 5.4	Passes
Chemical Resistance	ANSI Z124.6-1997 Paragraph 5.5	Passes
Heated Pan Test	ANSI Z124.6-1997 Paragraph 5.6	Passes
Coefficient of Friction	ASTM C1028-07	Dry Conditions: Pass .915 Avg. Wet Conditions: Pass .787 Avg.
Water Resistance	SS-1 Performance Standard for Solid Surface Materials Section 5.7	Passes
Renewability	SS-1 Performance Standard for Solid Surface Materials Section 6.1	Passes
Fungus and Bacteria Resistance	ASTM-G21 & G22	Passes
Flame Spread and Smoke Density	ASTM E 84	Class 1 Rating-Test Report # T-13709 10 Flame Spread, 115 Smoke Develop
Food Equipment Materials	NSF51	Passes
Tensile Strength (¼" Material Only)	ASTM D 638	6300 psi
Tensile Modulus (¼" Material Only)	ASTM D 638	1.35 x 10 ⁶ psi
Flexural Strength (¼" Material Only)	ASTM D 790	8410 psi
Flexural Modulus (¼" Material Only)	ASTM D 790	1.5 x 10 ⁶ psi
Elongation (¼" Material Only)	ASTM D 638	.3%
Barcol Hardness	Barcol Impresser	58-62
Weight Per Square Foot (¼" Material Only)		Approximately 2.23 to 2.81 lbs. Depending on Color