



Guava Quartz is an engineered stone product that is made from 93% crushed natural quartz and 7% resin and pigments. The materials are mixed together and formed into slabs that are then pressed under extreme pressure and then baked, and finally polished. The slabs are then cut into countertops and other household surfaces. The material is inert and has much the same properties as granite or marble slabs.

Guava Quartz Technical Information

Test Performed	Test Method	Results
Flexural Strength	ASTM C-880	5,453 - 7,430 psi
Compressive Strength	ASTM C-170	Wet: 29,298 psi Dry: 30,312 psi
MOHS Hardness	Scratch Test	6.0-7.0
Water Absorption	ASTM C-97	0.03%
Density	ASTM C-97	2.44 gr/cm ³
Surface Burning	ASTM E-84	Class A
Thermal Shock	ASTM C-484	Passes 5 cycles
Coefficient of friction	ASTM C-1028	Wet surface: .81 Dry surface: .63
Abrasion resistance	ASTM C-241	45.7
Freeze/Thaw	ASTM C-1026	Passed 15 cycles. No visible damage or discolouration was noticed
Coefficient of Thermal Expansion	ASTM C-531	1.31 x 10 ⁻⁶ inch per °F
Modulus of Rupture	ASTM C-99	Wet surface: 5,816 psi Dry surface: 7,019 psi
Antimicrobial	ASTM G21-96	No growth
Stain Resistance	ASTM 650	Not Affected