



Technical Specifications for Q+ Quartz from MSI

ASTM C97/C373	Absorption (%)	0.04%
	Density	2.17
ASTM C99	Modulus of Rupture (psi)	13,635
ASTM C170	Compressive Strength (psi)	46,680
ASTM C880	Flexural Strength (psi)	13,450
ASTM C482	Thermal Shock (10 cycles)	Pass - No Crazing or Cracking - Slight Discoloration
ASTM C484	Thermal Shock 10 Cycles	Pass - No Crazing or Cracking
ASTM C531	COTE (in./in./F)	1.67E-05
ASTM C648	Breaking Strength (lbf.)	9,705
ASTM C1028	Coefficient of Friction - Dry	0.93
	Coefficient of Friction - Wet	0.66
ASTM D256	Izod Impact (in-lbs/in. of width)	7.05
ASTM D1308	Staining Resistance - 24 hrs Spot Test	No Staining of any Reagents
Mohs Hardness	Mohs Hardness	7
Fire Spread		Flame Spread Index: 5
		Smoke Developed: 350
		Class I or A rating

Test data on this document is based on tests performed by an external and independent laboratory.
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