



MS International, Inc.

Premium Surfaces Since 1975

Q Premium Natural Quartz Test Data

Method	Property	Results
ASTM C97-09	Water Absorption	0.02%
ASTM C97-09	Specific Gravity	148.3 lbs/ft ³
ASTM C99-09	Modulus of Rupture	9,300 psi
ASTM C170-14	Compressive Strength	
	Dry	23,700 psi
	Wet	22,100 psi
ASTM C880-09	Flexural Strength	8,700 psi
ASTM C1353-15	Abrasion Resistance	31.9 lw
ASTM C217	Weather Resistance	No Damage
ASTM C373	Density	2.38 g/cm ³
ASTM C482	Bond Strength	237 ppsi
ASTM C484	Thermal Shock	No Damage Passed 25 cycles
ASTM C501	Wear Resistance	139 lw
ASTM C531	Thermal Expansion	2.61x10 ⁻⁵ in/in F
ASTM C648	Breaking Strength	480 lbs
ASTM C650	Chemical Resistance	No Damage
ASTM C672	De-icing Resistance	No Damage
ASTM C1028	Static Coefficient of Friction	
	Dry	0.78
	Wet	0.61
ASTM D256	Izod Impact	0.363 ft lbs/in
ASTM D543	Chemical Reagents Resistance	No Damage
ASTM D6329	Mold Resistance	No Microbial Growth
ASTM E84	Flame Spread	
	Index	5
	Smoke Development Index	75
MOS	MOH's Hardness	6.5

Premium Natural Quartz testing is performed by TEi Testing Services – an US Independent Laboratory. Testing represents average results. For more details; please visit www.QfromMSI.com

