



TRU-STONE TECHNOLOGIES DIVISION

Sierra Gray Granite Physical Properties

Absorption % by weight	0.31
Density lbs/ft ³ (kg/m ³) Conv: lb/ft ³ x16.0283=kg/m ³	167.3 (2,680)
Modulus of Rupture lbs/in ² (Mpa) Conv: x,xxxpsi/145=Mpa	1,890 (13.0)
Compressvie Strength lbs/in ² (Mpa) Conv: x,xxxpsi/145=Mpa	24,200 (167)
Abrasion Resistance Ha (mm)	61.0
Flexural Strength lbs/in ² (Mpa) Conv: x,xxxpsi/145=Mpa	1,600 (11.0)
Flexural Modulus of Elasticity Parallel to Rift Direction lbs/in ² (Gpa) Conv: x.xxE+06psi/.145=Gpa	3.38E+06 (23.3)
Flexural Modulus of Elasticity Perpendicular to Rift Direction lbs/in ² (Gpa) Conv: x.xxE+06psi/.145=Gpa	3.26E+06 (22.5)
Thermal Conductivity (W/m-K at 20°C)	(2.69)
Coefficient of Thermal Expansion in/in-°F at 68°F (m/m-°C at 20°C) Conv: [x.xxE-06in/in-°F]x1.8=m/m-°C	3.36 E-06(6.04E-06)

