

Manufacturer:

Graphtek LLC

Description:

Gray wonderstone fired (pink) alumina silicate machinable ceramic.

PROPERTY	US VALUE		METRIC VALUE	
Composition	Alumina Silicate			
Water Absorption	2.5	%		
Softening Temperature	2012	°F	1100	°C
CTE, @25-100 C	2.9 x 10⁻⁶			
CTE, @100-600 C	3.6 x 10⁻⁶			
Density	0.085	lb/in ³	2.35	gr/cm ³
Color, unfired	Gray			
Color, fired in air	Pink			
Maximum Temperature	2012	°F	1100	°C
Flexural Strength	10000	psi	68.9	MPa
Compressive Strength	25000	psi	172.4	MPa
Tensile Strength	2500	psi	17.2	MPa
Hardness (after firing)	6	Moh's scale		
Specific Gravity	2.76 - 2.85			