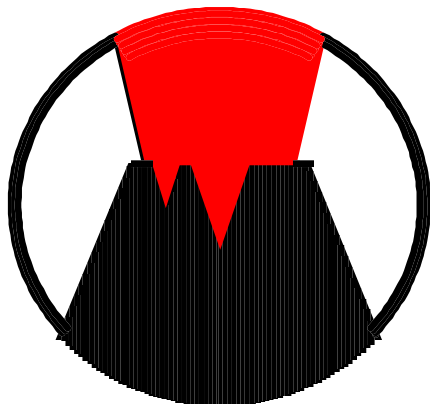


MULLITE MV-20



Composition

Alumina	Al ₂ O ₃	54.6%
Silica	SiO ₂	41.9%
Iron Oxide	Fe ₂ O ₃	0.8%
Potassium Oxide	K ₂ O	0.6%
Titania	TiO ₂	0.5%
Sodium Oxide	Na ₂ O	0.4%
Calcium	CaO	0.3%
Magnesia	MgO	0.2%

Physical Properties

Bulk Density	Open Porosity	Flextural Strength		Compressive Strength 20°C
		20°C	1000°C	
2.5g/cm ³	0%	145 Mpa	96 Mpa	655 Mpa
156 #ft ³	0%	21ksi	14 ksi	95 ksi

Thermal Properties

Conductivity		Expansion Coefficient 20-1000°C	Max Use Temperature (no load)
20°C	800°C		
5 W/m°K	3.3 W/m° K	5.4 X 10 ⁻⁶ /C°	1650°C
35 BTU.in/ft ² .hr°F	23 BTU.in/ft ² .hr°F	3.0 X 10 ⁻⁶ /F°	3002° F

These values represent typical properties of standard materials. They should be used only for comparison and should not be used as a warranty.