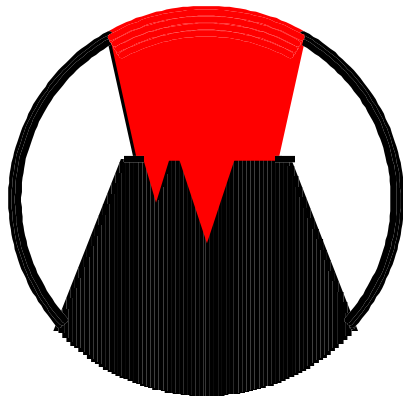


# MULLITE MV-30



## Composition

<b>Alumina</b>	Al <sub>2</sub> O <sub>3</sub>	60.0%
<b>Silica</b>	SiO <sub>2</sub>	37.9%
<b>Iron Oxide</b>	Fe <sub>2</sub> O <sub>3</sub>	0.5%
<b>Potassium Oxide</b>	K <sub>2</sub> O	0.6%
<b>Titania</b>	TiO <sub>2</sub>	0.5%
<b>Sodium Oxide</b>	Na <sub>2</sub> O	0.2%
<b>Calcia</b>	CaO	0.1%
<b>Magnesia</b>	MgO	0.2%

## Physical Properties

Bulk Density	Open Porosity	Flextural Strength		Compressive Strength 20°C
		20°C	1000°C	
2.8 g/cm <sup>3</sup>	0%	180 Mpa	-	1310 Mpa
175 #/ft <sup>3</sup>	0%	26 ksi	-	190 ksi

## Thermal Properties

Conductivity		Expansion Coefficient 20-1000°C	Max Use Temperature 20°C
20°C	800°C		
6 W/m°K	3.6 W/m° K	5.4 X 10 <sup>-6</sup> /°C	1680°C
42 BTU.in/ft <sup>2</sup> .hr°F	25 BTU.in/ft <sup>2</sup> .hr°F	3.0 X 10 <sup>-6</sup> /°F	3056° F

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