

Zirconium Oxide

Property Comparison*

<i>Property</i>	<i>Ceralloy® 408-CIM</i>
<i>Process</i>	CIM / Sinter
<i>Purity</i>	97.0 %
<i>Density (g/cm³)</i>	6.05
<i>Flexural Strength (MPa)</i>	1050
<i>Fracture Toughness (MPam^{1/2})</i>	12
<i>Hardness (Kg/mm²)</i>	1300
<i>Elastic Modulus (GPa)</i>	211
<i>Thermal Expansion Coefficient 10⁻⁶/K)</i>	10.3
<i>Thermal Conductivity (W/mK)</i>	
<i>Thermal Resistivity (Ohm-cm)</i>	
<i>Key Features</i>	High Strength and High Fracture Toughness

* Property values are typical and should not be considered specifications.

