

A997/LF Alumina	A999 Alumina	A95 Alumina	ZTA Mixed oxide	ZR02 Zirconium oxide	MG-PSZ Zirconium oxide	ZR02J Zirconium oxide	SI3N4 Silicon nitride	C221 Steatite
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PRODUCT DESCRIPTION

ZR02 Zirconium oxide

Material	ZrO ₂ + Y-PSZ
Colour	white
Density	6 g/cm ³
Flexural Strength	800 MPa
Compressive Strength	3.000 MPa
Modulus of Elasticity (young)	205 GPa
Impact Resistance	8 MPa m ^{1/2}
Weibull Modulus	15 m
Vickers Hardness	1.150 HV 0.5
Thermal Exoansion Coefficient	10 10 ⁻⁶ K ⁻¹
Thermal Conductivity	< 2 W/mK
Thermal Shock Resistance	270 ΔT °C
Maximum Use Temperature	1.000 °C



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