

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

A999 Alumina

Material	Al_2O_3 > 99.9%
Colour	white
Density	3,96 g/cm ³
Flexural Strength	390 MPa
Compressive Strength	3.900 MPa
Modulus of Elasticity (young)	390 GPa
Impact Resistance	5,2 MPa m ^{1/2}
Weibull Modulus	12 m
Vickers Hardness	2.000 HV 0.5
Thermal Exoansion Coefficient	5,5 - 8,4 10 ⁻⁶ K ⁻¹
Thermal Conductivity	28 W/mK
Thermal Shock Resistance	280 ΔT °C
Maximum Use Temperature	1.700 °C



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