

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

A95 Alumina

Material	$\text{Al}_2\text{O}_3 > 95-97\%$
Colour	ivory, white
Density	3,7 g/cm ³
Flexural Strength	300 MPa
Compressive Strength	3.400 MPa
Modulus of Elasticity (young)	350 GPa
Impact Resistance	4 MPa m ^{1/2}
Weibull Modulus	10 m
Vickers Hardness	1.800 HV 0.5
Thermal Exoansion Coefficient	5,0 - 8,3 10 ⁻⁶ K ⁻¹
Thermal Conductivity	24 W/mK
Thermal Shock Resistance	250 ΔT °C
Maximum Use Temperature	1.600 °C



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