

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

ZTA Mixed oxide

ZTAZ20

Material	$\text{Al}_2\text{O}_3 + \text{ZrO}_2$
Colour	white
Density	4,1 g/cm ³
Flexural Strength	450 MPa
Compressive Strength	3.600 MPa
Modulus of Elasticity (young)	350 GPa
Impact Resistance	7,5 MPa m ^{1/2}
Weibull Modulus	15 m
Vickers Hardness	1.600 HV 0.5
Thermal Exoansion Coefficient	6,0 - 8,6 10 ⁻⁶ K ⁻¹
Thermal Conductivity	18 W/mK
Thermal Shock Resistance	320 ΔT °C
Maximum Use Temperature	1.000 °C



CERAMANY
Ceramics and More

Location Germany
Ceramany GmbH
Adlerstraße 4-8
58708 Menden

Location China
Yixing CERAMANY
East Tongshu Road | Dingshu Town
Yixing City | 214221 Jiangsu, P.R.China

☎ +49 2373 9819700 | ✉ info@ceramany.com

www.ceramany.com