

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

# A997/LF Alumina

Material	$\text{Al}_2\text{O}_3 > 99.7\%$
Colour	white, ivory, pink
Density	3,9 g/cm <sup>3</sup>
Flexural Strength	390 MPa
Compressive Strength	3.900 MPa
Modulus of Elasticity (young)	390 GPa
Impact Resistance	5,2 MPa m <sup>1/2</sup>
Weibull Modulus	12 m
Vickers Hardness	2.000 HV 0.5
Thermal Exoansion Coefficient	5,5 - 8,4 10 <sup>-6</sup> K <sup>-1</sup>
Thermal Conductivity	28 W/mK
Thermal Shock Resistance	280 ΔT °C
Maximum Use Temperature	1.700 °C



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