



## Alumina

<b>PROPERTIES</b>		<b>MASS UNIT</b>	<b>AL95-G</b>
<b>CERAMIC TYPE</b>	Colour Type according to DIN VDE 0335		white - yellow
<b>CHEMICAL</b>	Al <sub>2</sub> O <sub>3</sub>	Weight %	95
<b>PHYSIKALISCH</b>	Melting point	°C	2050
	open pores	Vol. %	>16
	Crystal size	µm	ca. 15
<b>THERMAL</b>	Expansion coefficient linear (20 - 1.000°C)	10 <sup>-6</sup> • °C <sup>-1</sup>	8
	Max. Working temperature	°C	1400
	Thermal conductivity at 100°C	W • m <sup>-1</sup> • °C <sup>-1</sup>	25
	<b>Thermal Shock Resistance</b> <b>Is not suitable for inductive heating</b> <b>medium</b>		<b>medium</b>
<b>ELECTRICAL</b>	Electrical resistance		
	at 20°C	Ohm • cm	-
	at 500°C	Ohm • cm	-
	at 1.000°C	Ohm • cm	-
	at 1.500°C	Ohm • cm	-

All data given are to be regarded as guidelines.