

99% Alumina Ceramic Material Properties-SU0627

Properties	Unit	Value
Composition	%	AL ₂ O ₃ ≥99.5 SiO ₂ ≤0.04 Fe ₂ O ₃ ≤0.02 Na ₂ O ≤0.03 MgO ≤0.2
Volume Density	g/cm ³	≥3.90
Bending Strength	MPa	> 400
Linear Expansion Coefficient (20-500°C)	x10 ⁻⁶	6.5~7.5
Thermal Conductivity (20°C)	W/(m·k)	≈28
Specific Resistance	100°C Ω.cm	≥10 ¹³
Breakdown Strength	D.C Kv/mm	≥15

Remark: The value is just for review, different using conditions will have a little difference.

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