

95% Alumina Ceramic Material Properties-SU0627

Properties	Unit	Value
Composition	%	AL ₂ O ₃ ≥95 SiO ₂ ≤1.5 Fe ₂ O ₃ ≤0.05 Na ₂ O ≤0.1 MgO ≤1.5
Volume Density	g/cm ³	≥3.65
Bending Strength	MPa	> 210
Linear Expansion Coefficient (20-500°C)	x10 ⁻⁶	6.5~7.5
Thermal Conductivity (20°C)	W/(m·k)	≈25
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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