

SPECIFICATION

Calcium aluminate

Parameters	Specification
CAS Number	12042-68-1
Appearance	White to off-white powder
Molecular Formula	CaAl_2O_4
Molecular Weight	158.04 g/mol
Boiling Point	2500 °C
Melting Point	1730 °C
Flash Point	1000 °C
Purity	98–99%
Refractive Index	1.62
Solubility	Insoluble in water; very low solubility in acids and alkalis
Uses	Refractory materials, calcium aluminate cement components, and ceramic precursors

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