

SPECIFICATION

Alumina Powder

Parameters	Specification
Appearance	White to off-white powder
Molecular Formula	Al ₂ O ₃
Molecular Weight	101.96 g/mol
Boiling Point	2977 °C
Flash Point	2980 °C
Purity	99.5–99.9%
Refractive Index	1.76
Solubility	Insoluble in water; soluble in strong acids and bases under high temperature; dissolves slowly in hot concentrated acids
Uses	Abrasives, ceramic fillers, refractory materials, catalyst support, polishing powders