

99.7% Alumina Ceramic Material Properties

Properties	Unit	Value
Alumina (Al ₂ O ₃)	%	99.7
Magnesium Oxide (MgO)	%	0.2
Sodium Oxide (Na ₂ O)	%	< 0.06
Apparent Density of Powders	g/cm ³	1.11
Moisture Content	%	0.55
Particle Size Distribution	Mesh	60-250
Compacted Density	g/cm ³	2.18
Loss on Ignition	%	2.95
Sintering Temperature	°C (Heat Preservation Time > 2h)	1680
Sintered Density	g/cm ³	3.901
Average Shrinkage	%	18.75
Color	-	Yellow