



Product Name Calcined Alumina

Product Code CT3000

Properties / method	Unit	Typical	Min	Max
Specific Surface Area / BET	[m ² /g]	7.5	6.5	8.5
Particle Size / D50 Cilas	[µm]	0.5	0.3	0.6
Particle Size / D90 Cilas	[µm]	2		3
Chemical Analysis				
Na ₂ O	[%]	0.08		0.1
Fe ₂ O ₃	[%]	0.02		0.03
SiO ₂	[%]	0.03		0.07
CaO	[%]	0.02		0.03
MgO	[%]	0.07	0.05	0.1
Al ₂ O ₃	[%]		>99	
Ceramic Properties				
Press Density / 90 MPa	[g/cm ³]	2.25		2.38
Fired Density	[g/cm ³]	3.9	3.88	392
Firing Temperature/1h soak time	[°C]		at 1540	
Shrinkage	[%]	16.8		15.6