

Reactive Alumina CT 3000 SDP

Physical and Chemical Data		
Chemical Composition [wt.-%]		Typical
Al ₂ O ₃		99.7
Na ₂ O		0.08
Fe ₂ O ₃		0.02
SiO ₂		0.02
CaO		0.03
MgO		0.10
Physical Properties		
BET	[m ² /g]	7.0
Primary Crystal Size, d50	[µm]	0.6
Granule Size, d50	[µm]	200
Particle Size / sieve > 63 µm	[%]	90
Bulk Density	[g/l]	900 - 1200
L.O.I.	[%]	2
Moisture	[%]	0.3 - 0.6
Ceramic Properties		
Press Density / 90 MPa	[g/cm ³]	2.30
Fired density 1600 °C, 1h	[g/cm ³]	3.90
Shrinkage	[%]	16.5

The typical properties are based upon the actual averages from production data.
All data are based upon Almatix standard test methods.

Product use:

CT 3000 SDP is a **S**pray-**D**ried Thermally Reactive Alumina **P**owder for direct use in both isostatic and uniaxial pressing.