



Reactive Alumina CT 3000 SDP

Physical and Chemical Data		
Chemical Composition [wt.-%]		Typical
Al₂O₃		99.7
Na₂O		0.08
Fe₂O₃		0.02
SiO₂		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 Almatis standard test methods.

Product use:

CT 3000 SDP is a **Spray-Dried Thermally Reactive Alumina Powder** for direct use in both isostatic and uniaxial pressing.



Reactive Alumina CT 3000 SDP



Contacts for sales, technical information and application assistance

Almatis GmbH
Giulinistrasse 2
67065 Ludwigshafen
Germany

☎ 49 621 5707 0
☎ 49 621 5707 130

Qingdao Almatis Co., Ltd.
F15, Sunshine Tower
61 Hongkong Middle Road
Qingdao, 266071
P.R. China

☎ 86 532 8572 8085
☎ 86 532 8572 8551

Almatis B.V.
Theemsweg 30
3197KM Botlek RT
The Netherlands

☎ 31 181 2701 0
☎ 31 181 2178 53

Qingdao Almatis Trading Co., Ltd.
Room 1807, Eton Place
69 Dong Fang Road
Shanghai, 200120
P.R. China

☎ 86 21 5879 4887
☎ 86 21 5879 6502

Almatis, Inc.
501 West Park Road
Leetsdale, PA 15056, USA

☎ 800 643 8771 General
☎ 1 412 630 2800
☎ 1 412 630 2900

Almatis do Brasil Ltda.
Avenida Jose de Souza
Campos, 243
2° Andar – Cambuí
13025-320 – Campinas,
SP – Brasil

☎ 55 19 3515-1400
☎ 55 19 3515-1410

Almatis Alumina Private Limited
Kankaria Estate
2nd Floor
6, Little Russell Street
Kolkata 700-071, India

☎ 91 33 2289 4694
☎ 91 33 2289 4693

Almatis Limited
Morimura Bldg.
1-3-1 Toranomon
Minato-ku, Tokyo 105-8451
Japan

☎ 81 3 3502 2371
☎ 81 3 3502 2375



Almatis GmbH
Lyoner Straße 9
60528 Frankfurt/Germany
Phone 49 69 957 341 0
Fax 49 69 957 341 13

info@almatis.com
www.almatis.com

MSDS 1259