



Developmental Product Data

Calcined Aluminas for Polishing

ULTIMATE P 1500

Aluminum oxide is the most widely used polishing medium. As an inorganic product, it has one important advantage over natural materials used for polishing: the physical properties and chemical compositions are constant regardless of the pressure or temperature experienced during use.

ULTIMATE P 1500 is especially designed for applications needing a very high cutting performance of the polishing compound. In parallel to the high cut the powder will not generate deep scratches in the surface.

Product / Properties		
Ground	Unit	typical
Calcination degree		low
Primary crystal size	[μm]	0.3
Chemical Analysis		
Al ₂ O ₃ content	[%]	99.5
Na ₂ O	[%]	0.2
Fe ₂ O ₃	[%]	0.03
Particle Size		typical
Specific surface area/BET	[m ² /g]	5
> 45 μm	[%]	1
d50	[μm]	5
Oil absorption	[%]	40
Cutting effect		5
Polishing effect		5

All data are based upon Almatis standard test methods.

The typical properties are based upon the actual averages from production data.



Calcined Aluminas for Polishing **ULTIMATE P 1500**

Standard Packaging

- 20 kg paper bags
- 1000kg big bags



Contacts for sales, technical information and application assistance

Almatis GmbH
Giulinistrasse 2
67065 Ludwigshafen
Germany

Phone
49 621 5707 0
Fax
49 621 5707 130

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

Phone
31 181 2701 00
Fax
31 181 2178 53

Almatis Alumina Private Limited
Kankaria Estate, 2nd Floor
6, Little Russell Street
Calcutta 700-001, India

Phone
91 33 2242 7961
Fax
91 33 2242 1557

Qingdao Almatis Co. Ltd.
No.1 Song Hua Jiang Road
Qingdao Economic &
Technology Development Zone
Qingdao, 266510
P.R. China

Phone
+86 532 8572 8035
Fax
+86 532 8572 8551

Almatis Limited
Morimura Bldg.
1-3-1 Toranomom
Minato-ku,
Tokyo 105-0003
Japan
Phone
81 3 5510 66 88
Fax
81 3 5510 66 80



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

Almatis, Inc.
501 West Park Road
Leetsdale, PA 15056,
USA
General Phone
800 643 8771
Phone
1 412 630 2800
Fax
1 412 630 2900

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

Phone
55 19 3515-1400
Fax
55 19 3515-1410

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