



## Product Data

# Calcined Aluminas for Polishing

## ULTIMATE P 1500 / P 2500

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.

The polishing aluminas of the ULTIMATE range show unique performance in terms of cutting and polishing. The Ultimate P 1500 is especially designed for applications needing a very high cutting performance of the polishing compound. The ULTIMATE P 2500 product is designed to generate scratch free surface.

Product / Properties Ground	Unit	Ultimate P 1500 typical	Ultimate P 2500 typical
Calcination degree		low	low
Primary crystal size	[ $\mu\text{m}$ ]	0.3	0.2
<b>Chemical Analysis</b>			
Al <sub>2</sub> O <sub>3</sub> content	[%]	99.5	99.5
Na <sub>2</sub> O	[%]	0.2	0.2
Fe <sub>2</sub> O <sub>3</sub>	[%]	0.03	0.03
<b>Particle Size</b>			
Specific surface area/BET	[m <sup>2</sup> /g]	5	8
> 45 $\mu\text{m}$	[%]	1	
> 20 $\mu\text{m}$	[%]		0.5
D50	[ $\mu\text{m}$ ]	5	2.5
Oil absorption	[%]	40	65
Cutting effect		5	1
Polishing effect		5	10

All data are based upon Almatris standard test methods.

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



# Calcined Aluminas for Polishing ULTIMATE P 1500 / P 2500

## Standard Packaging

- 20 kg paper bags (ULTIMATE P 1500)
- 10 kg paper bags (ULTIMATE P 2500)
- 500kg big bags



## Contacts for sales, technical information and application assistance

### Almatis GmbH

Giulinistrasse 2  
67065 Ludwigshafen  
Germany

☎ 49 621 5707 0

### Almatis B.V.

Theemsweg 30  
3197KM Botlek RT  
The Netherlands

☎ 31 181 2701 00

### Almatis, Inc.

501 West Park Road  
Leetsdale, PA 15056, USA

☎ 800 643 8771 General  
☎ 1 412 630 2800

### Qingdao Almatis Co. Ltd.

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

☎ 86 532 8676 3271

### Almatis do Brasil Ltda.

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

☎ 55 19 3515-1400

### Almatis Alumina Private Limited

Kankaria Estate  
2<sup>nd</sup> Floor  
6, Little Russell Street  
Kolkata 700-071, India

☎ 91 33 2289 4694



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 Limited

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

☎ 81 3 3502 2371

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