

MARTOXID® PC-12/1

Aluminum Oxide

Einsatzbeispiele / Applications

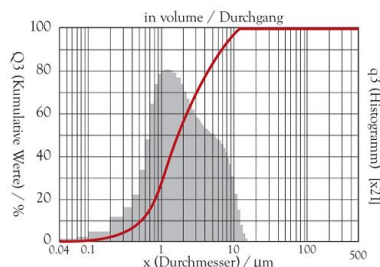
Aluminiumoxid zur Herstellung von Polierpasten und -emulsionen, insbesondere für die Hochglanz- und Nachpolitur von Edelstahl, Nichteisenmetallen, Lacken, Kunststoffen und Gläsern.

Aluminium oxide for the production of polishing pastes and emulsions, especially for fine polishing and repolishing of stainless steel, nonferrous metals, lacquers, plastics and glass.

Durchschnittsanalyse / Typical analysis

Al ₂ O ₃	[%]	≈ 99
Na ₂ O total	[%]	≤ 0.5
CaO	[%]	≈ 0.01
Fe ₂ O ₃	[%]	≈ 0.02
SiO ₂	[%]	≈ 0.005
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	≈ 6
Primärkorn / Primary Crystal	[μm]	≈ 0.5
Ölaufnahme / Oil Adsorption	[ml/100g]	≈ 30

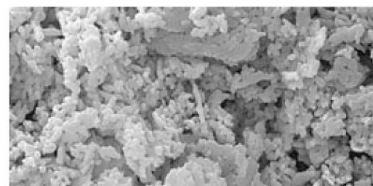
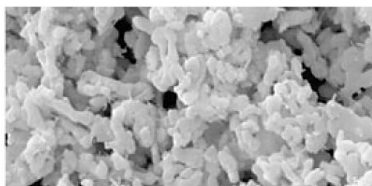
Korngrößenverteilung / Particle Size Distribution (Cilas 1064)



d ₁₀ [μm]	≤ 0.6
d ₅₀ [μm]	≤ 2
d ₉₀ [μm]	≤ 9
d ₁₀₀ [μm]	≤ 18

┌ 2μm ─┘

┌ 5μm ─┘



Shipping Information

Packaging and minimum order quantity information is available from sales or customer service.

Safety and Handling Information

For specific safety, toxicity and handling information, please refer to the material safety data sheet on this product.

Chemical Registration Numbers

Chem. Bezeichnung / Chem. name:	Aluminiumoxid
Formel / formula:	Al_2O_3
CAS No.:	1344-28-1
EC/EINECS No.:	215-691-6
UN-Nr.:	---

EUROPE, MIDDLE EAST, AFRICA

Martinswerk GmbH
Kölner Straße 110
D-50127 Bergheim

Phone: +49-2271-902-0
Fax: +49-2271-902-710

AMERICAS

Huber Engineered Materials
3100 Cumberland Boulevard
Suite 600
Atlanta, Georgia 30339

Phone: +1 (678) 247-7300
Fax: +1 (678) 247-2797

ASIA PACIFIC

Huber Fire Retardant Additives
(Qingdao) Co.Ltd
8th Floor No.2 Building, No.7,
Wuyishan Road, Huangdao District,
Qingdao – China

Phone: +86 532-58792008
Fax: +86 532-58792008

Web: www.martinswerk.de
www.hubermaterials.com

Email: info@martinswerk.com
hubermaterials@huber.com



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