

Einsatzbeispiele /
Applications

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

Aluminium oxide for the production of polishing pastes and emulsions, especially for fine polish and repolishing of stainless steel, nonferrous metals, lacqueres and plastics as well as for brake linings.

Durchschnittsanalyse /
Typical analysis

Al ₂ O ₃	[%]	≈ 99.8
Na ₂ O total		≤ 0.1
CaO		≤ 0.05
Fe ₂ O ₃		≤ 0.05
SiO ₂		≤ 0.05
α-Al ₂ O ₃	[%]	≥ 70
Glühverlust / Loss on Ignition	[%]	≤ 0.2
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	4 - 7
Primärkorn / Primary Crystal	[μm]	≈ 1
Schüttdichte / Bulk Density	[kg/m ³]	≈ 500

Korngrößenverteilung /

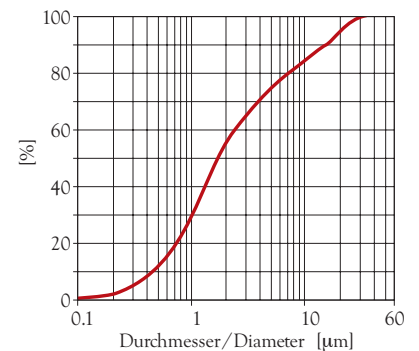
Particle Size Distribution (Cilas 1064)

d₁₀ 0.3 - 0.7 [μm]

d₅₀ 1.8 - 2.2 [μm]

d₉₀ 5.5 - 7.5 [μm]

> 45 μm ≤ 5 [%]



Shipping Information

Transportation classification: not regulated for transportation
Harmonized tariff number: 28182000

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: Aluminiumoxid
Formel: Al_2O_3
CAS No. : 1344-28-1
EG-/EINECS No.: 215-691-6
UN-Nr.: ~



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