



# MARTOXID® PC-12/2

## Aluminum Oxide

### Einsatzbeispiele / Applications

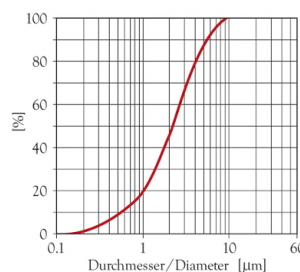
Aluminiumoxid zur Herstellung von Polierpasten und -emulsionen, insbesondere für die Hochglanz- und Nachpolitur von Edelstahl, Nichteisenmetallen, Lacken, Kunststoffen und Gläsern.

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

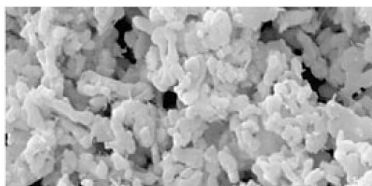
Al <sub>2</sub> O <sub>3</sub>	[%]	≈ 99
Na <sub>2</sub> O total	[%]	≤ 0.5
CaO	[%]	≈ 0.01
Fe <sub>2</sub> O <sub>3</sub>	[%]	≈ 0.02
SiO <sub>2</sub>	[%]	≈ 0.005
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	4 – 7
Primärkorn / Primary Crystal	[μm]	≈ 0.5
Ölaufnahme / Oil Adsorption	[ml/100g]	≈ 30

### Korngrößenverteilung / Particle Size Distribution (Cilas 1064)

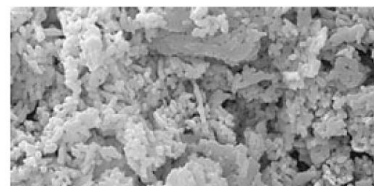


d <sub>10</sub> [μm]	< 1
d <sub>50</sub> [μm]	1.5 – 2.5
d <sub>90</sub> [μm]	≤ 20
d <sub>100</sub> [μm]	5 – 60

┌ 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:	$\text{Al}_2\text{O}_3$
CAS No.:	1344-28-1
EC/EINECS No.:	215-691-6
UN-Nr.:	---

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