



# MARTOXID® PN-6 (12)

## Aluminum Oxide

### Einsatzbeispiele / Applications

Feinteiliges, sehr weiches Aluminiumoxid zur Herstellung von Hochglanz-polituren für Stahl (insbesondere Edelstahl); zur Politur von Nichteisenmetallen, zum Feinschliff von Kunststoffen und Lacken.

Fine-grained, very soft aluminium oxide for the production of high-brilliance polishing agents for mainly stainless steel and steel, as well as for polishing agents for nonferrous metals and for the fine grinding of plastics and lacquers.

### Durchschnittsanalyse / Typical analysis

Al <sub>2</sub> O <sub>3</sub>	[%]	≈ 99.3
Na <sub>2</sub> O total	[%]	≤ 0.25
CaO	[%]	≈ 0.03
Fe <sub>2</sub> O <sub>3</sub>	[%]	≈ 0.02
SiO <sub>2</sub>	[%]	≈ 0.01
Glühverlust / Loss on ignition	[%]	≤ 0.2
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	8 – 15
Primärkorn / Primary Crystal	[µm]	≈ 1
Schüttdichte / Bulk Density	[kg/m <sup>3</sup> ]	≈ 750
Korngrößenverteilung / Particle Size Distribution (Siebung / Screening)		
	> 106 µm [%]	0 – 2
	106 – 63 µm [%]	1 – 8
	63 – 45 µm [%]	5 – 30
	< 45 µm [%]	60 – 90

## 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 <sub>2</sub> O <sub>3</sub>
CAS No.:	1344-28-1
EC/EINECS No.:	215-691-6
UN-Nr.:	---

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