



# MARTOXID® DN/Y

## Aluminum Oxide

### Einsatzbeispiele / Applications

Aluminiumoxid für die Herstellung von Läppmitteln zur Bearbeitung von Glas- und Kristallflächen, Ventilsitzen etc.

Aluminium oxide for the production of lapping abrasives for surface treatment of glass and crystal, ball bearings, valve seats, etc.

### Durchschnittsanalyse / Typical analysis

Al <sub>2</sub> O <sub>3</sub>	[%]	≈ 99.0
Na <sub>2</sub> O total	[%]	0.5 – 0.8
CaO	[%]	≈ 0.02
Fe <sub>2</sub> O <sub>3</sub>	[%]	≈ 0.02
SiO <sub>2</sub>	[%]	≈ 0.01
α-Al <sub>2</sub> O <sub>3</sub>	[%]	≥ 85
Glühverlust / Loss on Ignition	[%]	≈ 0.1
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	0.3 – 0.7
Primärkorn / Primary Crystal	[µm]	≈ 10
Schüttdichte / Bulk Density	[kg/m <sup>3</sup> ]	≈ 700
Korngrößenverteilung / Particle Size Distribution (Siebung / Screening)		
	> 150 µm [%]	≈ 1
	> 106 µm [%]	≈ 10
	106 – 63 µm [%]	30 – 50
	63 – 45 µm [%]	10 – 20
	< 45 µm [%]	15 – 35

## 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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