



MARTOXID[®] MN/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 ₂ O ₃	[%]	≈ 99.0
Na ₂ O total	[%]	0.4 – 0.8
CaO	[%]	≈ 0.03
Fe ₂ O ₃	[%]	≈ 0.02
SiO ₂	[%]	≈ 0.01
α-Al ₂ O ₃	[%]	≥ 85
Glühverlust / Loss on Ignition	[%]	≤ 0.1
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	0.1 – 0.4
Primärkorn / Primary Crystal	[μm]	≈ 15
Schüttdichte / Bulk Density	[kg/m ³]	≈ 900
Korngrößenverteilung / Particle Size Distribution (Siebung / Screening)		
	> 150 μm [%]	0 – 20
	> 106 μm [%]	15 – 50
	106 – 63 μm [%]	30 – 50
	63 – 45 μm [%]	5 – 15
	< 45 μm [%]	5 – 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_2O_3
CAS No.:	1344-28-1
EC/EINECS No.:	215-691-6
UN-Nr.:	---

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