



MARTOXID® MZS-12

Aluminum Oxide

Einsatzbeispiele / Applications

Aluminiumoxid zur Herstellung von Polierpasten und -emulsionen.

Aluminium oxide for the production of polishing pastes and emulsions.

Durchschnittsanalyse / Typical analysis

Al ₂ O ₃	[%]	≈ 99.8
Na ₂ O total	[%]	≤ 0.1
CaO	[%]	≤ 0.05
Fe ₂ O ₃	[%]	≤ 0.03
SiO ₂	[%]	≤ 0.05
Glühverlust	[%]	≤ 0.1
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	0.6 – 1.5
Primärkorn / Primary Crystal	[μm]	≈ 2.5
Schüttdichte / Bulk Density	[kg/m ³]	500 – 700
Korngrößenverteilung / Particle Size Distribution (Cilas 1064)	d ₅₀ [μm]	7 – 15
Siebung / Screening 106 μm max.	[%]	1
Ölaufnahme / Oil absorption	[ml/100g]	≈ 30

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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