

**Einsatzbeispiele /
Applications**

Herstellung von Spezialprodukten, insbesondere Adsorptionsmittel und chromatographische Anwendungen der chemischen und pharmazeutischen Industrie.

Production of specialities, in particular for adsorption and chromatographic applications in the chemical and pharmaceutical industry.

**Durchschnittsanalyse /
Typical analysis**

Al ₂ O ₃	[%]	≈ 98
Na ₂ O total		≤ 0.5
CaO		≤ 0.05
Fe ₂ O ₃		≤ 0.03
SiO ₂		≤ 0.03
Glühverlust / Loss on Ignition		[%] ≤ 3
Spezifische Oberfläche / Specific Surface Area (BET)		[m ² /g] 140 - 190
Primärkorn / Primary Crystal		[µm] ≈ 1
Schüttdichte / Bulk Density		[kg/m ³] ≈ 900
Korngrößenverteilung / Particle Size Distribution (Siebung / Screening)		
	> 106 µm [%]	20 - 45
	106 - 63 µm [%]	40 - 60
	63 - 45 µm [%]	5 - 20
	< 45 µm [%]	≤ 10



Shipping Information

Transportation classification: not regulated for transportation
Harmonized tariff number: 28182000

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: Aluminiumoxid
Formel: Al_2O_3
CAS No. : 1344-28-1
EG-/EINECS No.: 215-691-6
UN-Nr.: ~



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