

**Einsatzbeispiele /  
Applications**

Hart kalziniertess, zügig wirkendes Aluminiumoxid für die Politur und Nachpolitur von Stählen und zur Bearbeitung von Nichteisenmetallen; zum Vorschleiff von Lacken und Kunststoffen.

Hard calcined, fast-acting aluminium oxide used for fine polishing and repolishing of all kinds of steel and for processing nonferrous metals brilliance; pre-grinding of lacquers and plastics.

**Durchschnittsanalyse /  
Typical analysis**

Al <sub>2</sub> O <sub>3</sub>	[%]	≈ 99.3
Na <sub>2</sub> O total		≤ 0.5
CaO		≤ 0.05
Fe <sub>2</sub> O <sub>3</sub>		≤ 0.04
SiO <sub>2</sub>		≤ 0.04
α-Al <sub>2</sub> O <sub>3</sub>	[%]	≥ 95
Glühverlust / Loss on Ignition	[%]	≤ 0.2
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	0.3 - 0.7
Primärkorn / Primary Crystal	[am]	≈ 6
Schüttdichte / Bulk Density	[kg/m <sup>3</sup> ]	≈ 900
Korngrößenverteilung / Particle Size Distribution (Siebung / Screening)		
	> 63 µm [%]	5 - 10
	63 - 45 µm [%]	5 - 25
	< 45 µm [%]	70 - 95



## 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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