



MARTOXID® PS-6

Aluminum Oxide

Einsatzbeispiele / Applications

Feinteiliges, sehr weiches Aluminiumoxid zur Herstellung von Hochglanzpolituren für Stahl (insbesondere Edelstahl); zur Politur von Nichteisenmetallen; zum Feinschliff von Kunststoffen und Lacken.

Fine-grained, very soft aluminium oxide for the production of highbrilliance polishing agents for mainly stainless steel, as well as for polishing agents for nonferrous metals and for the fine grinding of plastics and lacquers.

Durchschnittsanalyse / Typical analysis

Al ₂ O ₃	[%]	≈ 99.8
Na ₂ O total	[%]	≤ 0.12
CaO	[%]	≤ 0.05
Fe ₂ O ₃	[%]	≤ 0.03
SiO ₂	[%]	≤ 0.03
α-Al ₂ O ₃	[%]	≥ 90
Glühverlust / Loss on Ignition	[%]	≤ 0.2
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	4 – 5.5
Primärkorn / Primary Crystal	[µm]	≈ 0.5
Ölaufnahme / Oil Adsorption	[ml/100g]	65 – 70
Schüttdichte / Bulk Density	[kg/m ³]	≈ 700
Korngrößenverteilung / Particle Size Distribution		
Siebung / Screening		
> 106 µm	[%]	0 – 2
106 – 63 µm	[%]	1 – 10
63 – 45 µm	[%]	5 – 30
< 45 µm	[%]	60 – 90

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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