

**Einsatzbeispiele /
Applications**

Hart kalziniertes, 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**

		DN-430	DN-440
Al ₂ O ₃	[%]	≈ 99.3	≈ 99.3
Na ₂ O total		≤ 0.5	≤ 0.5
CaO		≤ 0.05	≤ 0.05
Fe ₂ O ₃		≤ 0.04	≤ 0.04
SiO ₂		≤ 0.04	≤ 0.04
α-Al ₂ O ₃	[%]	≥ 95	≥ 95
Glühverlust / Loss on Ignition	[%]	≤ 0.2	≤ 0.2
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	0.3 - 0.7	0.3 - 0.7
Primärkorn / Primary Crystal	[µm]	≈ 6	≈ 6
Schüttdichte / Bulk Density	[kg/m ³]	≈ 700	≈ 700
Korngrößenverteilung / Particle Size Distribution (Cilas 1064) (Siebung / Screening)			
	> 63 µm [%]	10 - 20	20 - 30
	63 - 45 µm [%]	10 - 25	10 - 25
	< 45 µm [%]	55 - 80	50 - 75



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 ₂ O ₃
CAS No. :	1344-28-1
EG-/EINECS No.:	215-691-6
UN-Nr.:	~



▲, ALBEMARLE, MARTINSWERK, MARTOXID, COMPALOX are trademarks of Albemarle Corporation

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.

AMERICAS

Albemarle Corporation
451 Florida Street
Baton Rouge, Louisiana 70801-1765
Phone: 225-388-7402
Toll-Free: 800-535-3030
Fax: 225-388-7848

EUROPE, MIDDLE EAST, AFRICA

Albemarle Europe SPRL
Parc Scientifique Einstein
Rue du Bosquet 9
B-1348 Louvain-la-Neuve Sud, Belgium
Phone: 32-10-48-1711
Fax: 32-10-48-1717
Martinswerk GmbH
Kölner Straße 110
D-50127 Bergheim
Phone: 49-2271-902-467
Fax: 49-2271-902-710

ASIA PACIFIC

Albemarle Asia Pacific Company
111 Somerset Road # 13-03
Singapore 238164
Phone: 65-6732-6286
Fax: 65-6737-4155

Albemarle Asano Corporation
16th Floor, Fukoku Seimei Building
2-2, Uchisaiwaicho, 2-Chome
Chiyoda-ku, Tokyo 100, Japan
Phone: 81-3-5251-0791
Fax: 81-3-3500-5623

China World Tower, Room 1317
No. 1 Jian Guo Men Wai Avenue
Beijing 100004 China
Phone: 86-10-6505-4153 and -54
Fax: 86-10-6505-4150

INTERNET

www.martinswerk.de
www.albemarle.com