

Einsatzbeispiele / Applications

Adsorptionsmittel für chromatographische Anwendungen in der chemischen und pharmazeutischen Industrie; Additiv für die Herstellung von Glasuren, Fritten und Email.

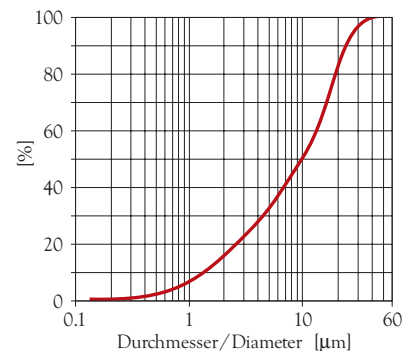
Adsorbent for chromatography in the chemical and pharmaceutical industry; additive for glazes, frits and enamels.

Durchschnittsanalyse / Typical analysis

Al ₂ O ₃	[%]	≈ 98
Na ₂ O total		≤ 0.5
CaO		≈ 0.05
Fe ₂ O ₃		≈ 0.05
SiO ₂		≈ 0.05
Glühverlust / Loss on Ignition	[%]	≤ 4
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	140 - 200
Primärkorn / Primary Crystal	[μm]	≈ 1
Schüttdichte / Bulk Density	[kg/m ³]	≈ 550

Korngrößenverteilung / Particle Size Distribution (Cilas 1064)

AN/I-406	d ₁₀	0.6 - 1.2 [μm]
	d ₅₀	4 - 7 [μm]
	d ₉₀	15 - 25 [μm]
	> 45 μm	≤ 3 [%]



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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