



MARTOXID® PN-202

Aluminum Oxide

Einsatzbeispiele / Applications

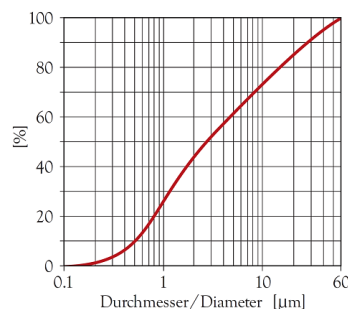
Herstellung von Mattglasuren, Email; Füllstoff in Bremsbelägen; Extrudierter Katalysatorträger mit definierter Porenradienverteilung.

Production of special glazes, enamels; fillers for brake linings; catalyst carriers with defined pore size distribution.

Durchschnittsanalyse / Typical analysis

Al_2O_3	[%]	≈ 99.3
Na_2O total	[%]	≤ 0.5
CaO	[%]	≈ 0.02
Fe_2O_3	[%]	≈ 0.02
SiO_2	[%]	≈ 0.01
$\alpha\text{-Al}_2\text{O}_3$	[%]	≥ 70
Glühverlust / Loss on ignition	[%]	≤ 0.3
Spezifische Oberfläche / Specific Surface Area (BET)	$[\text{m}^2/\text{g}]$	8 – 15
Primärkorn / Primary Crystal	$[\mu\text{m}]$	≈ 1
Schüttdichte / Bulk Density	$[\text{kg}/\text{m}^3]$	≈ 550

Korngrößenverteilung / Particle Size Distribution (Cilas 1064)



d_{10} [μm]	0.5 – 0.7
d_{50} [μm]	2 – 4
d_{90} [μm]	18 – 30
> 45 μm [%]	0 – 10

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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