



MARTOXID® PN-202

Einsatzbeispiele / Applications

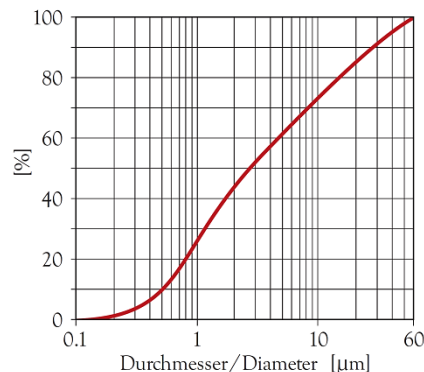
Herstellung von Mattglasuren, Email; Füllstoff in Bremsbelägen; Extrudierter Katalysatorträger mit definierter Porenradienverteilung.

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

Durchschnittsanalyse / Typical analysis

| | | |
|--|----------------------|--------|
| Al ₂ O ₃ | [%] | ≈ 99.3 |
| Na ₂ O total | [%] | ≤ 0.5 |
| CaO | [%] | ≈ 0.02 |
| Fe ₂ O ₃ | [%] | ≈ 0.02 |
| SiO ₂ | [%] | ≈ 0.01 |
| α-Al ₂ O ₃ | [%] | ≥ 70 |
| Glühverlust / Loss on ignition | [%] | ≤ 0.3 |
| Spezifische Oberfläche / Specific Surface Area (BET) | [m ² /g] | 8 – 15 |
| Primärkorn / Primary Crystal | [μm] | ≈ 1 |
| Schüttdichte / Bulk Density | [kg/m ²] | ≈ 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 |

Die oben genannten Werte sind nur als Richtwerte zu verstehen und nicht etwa als zugesicherte Eigenschaften.
The above mentioned values should be taken only as indications and not as guaranteed properties.

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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