



MARTOXID[®] DN-6

Einsatzbeispiele / Applications

Feuerfestprodukte; Ummantelungen von Schweißelektroden; Bremsbeläge; Herstellung technischer Keramik mit niedriger Brennschwindigkeit; Glasuren und Email.

Refractory products; coatings for welding electrodes; brake liners; production of technical ceramics with low shrinkage during firing; ceramic glazes and enamels.

Durchschnittsanalyse / Typical analysis

Al ₂ O ₃	[%]	≈ 99.3
Na ₂ O total	[%]	≤ 0.5
CaO	[%]	≈ 0.05
Fe ₂ O ₃	[%]	≈ 0.02
SiO ₂	[%]	≈ 0.012
α-Al ₂ O ₃	[%]	≥ 95
Glühverlust / Loss on Ignition	[%]	≤ 0.2
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	0.2 – 0.5
Primärkorn / Primary Crystal	[µm]	≈ 6
Schüttdichte / Bulk Density	[kg/m ³]	≈ 750

Korngrößenverteilung / Particle Size Distribution (Siebung / Screening)

> 106 µm [%]	10 – 40
106 – 63 µm [%]	30 – 60
63 – 45 µm [%]	5 – 15
< 45 µm [%]	10 – 35

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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