



## MARTOXID® TM-1320

**Einsatzbeispiele /  
Applications**

Wärmeleitendes feinstgemahlenes Aluminiumoxid als Füllstoff für Thermoplaste, Duromere, Harze, etc. Einsatz für das Thermomanagement und zur Verbesserung der mechanischen, elektrischen, rheologischen Eigenschaften.

Thermally conductive super ground aluminium oxide as a filler in thermoplastics, thermosets, resins etc. Used for thermal management, improvement of mechanical, electrical, and rheological properties.

**Durchschnittsanalyse /  
Typical analysis**

Al <sub>2</sub> O <sub>3</sub>	[%]	> 99.5
Na <sub>2</sub> O total	[%]	≈ 0.05
CaO	[%]	≈ 0.03
Fe <sub>2</sub> O <sub>3</sub>	[%]	≈ 0.03
SiO <sub>2</sub>	[%]	≈ 0.08
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	≈ 2.2
Stampfdichte / Tapped Density	[g/l]	≈ 1200
Korngröße / Particle Size (Cilas 1064)	d <sub>50</sub> [µm]	≈ 2.0
	d <sub>100</sub> [µm]	≈ 15

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:  $\text{Al}_2\text{O}_3$   
CAS No.: 1344-28-1  
EC/EINECS No.: 215-691-6  
UN-Nr.: ---

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