



# MARTOXID<sup>®</sup> TM-2250

## Aluminum Oxide

Oberflächenbeschichtet / coated

### 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]	≈ 3.5
Stampfdichte / Tapped Density	[g/l]	≈ 1600
Korngröße / Particle Size (Cilas 1064)	d <sub>50</sub> [μm]	≈ 1.6
	d <sub>100</sub> [μm]	≈ 20

## 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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