



MARTOXID[®] MR-70 D

Aluminum Oxide

Einsatzbeispiele / Applications

Hochwertiges reaktives Aluminiumoxid für Hochleistungsanwendungen wie Vibrations- und selbstfließende Massen sowie Fertigbauteile für die Feuerfestindustrie.

Premium reactive alumina for high performance applications such as vibration and self-flowing castables and preshaped products for the refractory industry.

Durchschnittsanalyse / Typical analysis

Al ₂ O ₃	[%]	≈ 99.8
Na ₂ O total	[%]	≤ 0.1
CaO	[%]	≈ 0.02
Fe ₂ O ₃	[%]	≈ 0.02
SiO ₂	[%]	≈ 0.08
α-Al ₂ O ₃	[%]	≥ 95
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	4 – 9
Schüttdichte / Bulk Density	[kg/m ³]	≈ 500
Korngrößenverteilung / Particle Size Distribution (Cilas 1064)		
	d ₁₀ [μm]	0.1 – 0.3
	d ₅₀ [μm]	0.6 – 0.9
	d ₉₀ [μm]	1.5 – 3.0

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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