

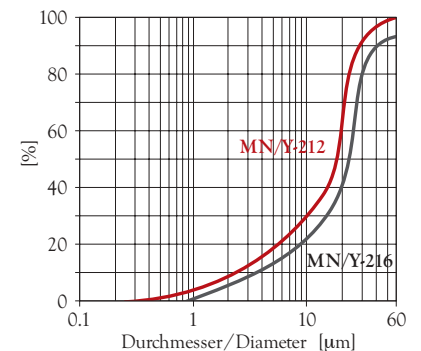
Einsatzbeispiele /
Applications

Aluminiumoxid für die Herstellung von Läppmitteln zur Bearbeitung von Glas- und Kristallflächen, Kugellagern, Ventilsitzen, etc.

Aluminium oxide for the production of lapping abrasives for surface treatment of glass and crystal, ball bearings, valve seats, etc.

Durchschnittsanalyse /
Typical analysis

		MN/Y-212	MN/Y-216
Al ₂ O ₃	[%]	≈ 99.0	≈ 99.0
Na ₂ O total		≤ 0.9	≤ 0.9
CaO		≤ 0.05	≤ 0.05
Fe ₂ O ₃		≤ 0.04	≤ 0.04
SiO ₂		≤ 0.04	≤ 0.04
α-Al ₂ O ₃	[%]	≥ 85	≥ 85
Glühverlust / Loss on Ignition	[%]	≤ 0.1	≤ 0.1
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	0.3 - 0.7	0.3 - 0.7
Primärkorn / Primary Crystal	[µm]	≈ 12	≈ 15
Schüttdichte / Bulk Density	[kg/m ³]	≈ 1200	≈ 1300
Korngrößenverteilung / Particle Size Distribution (Cilas 1064)			
MN/Y-212	d ₁₀	2-3 [µm]	
	d ₅₀	10-15 [µm]	
	d ₉₀	30-40 [µm]	
	> 45 µm	≤3 [%]	
MN/Y-216	d ₁₀	3-5 [µm]	
	d ₅₀	15-22 [µm]	
	d ₉₀	40-60 [µm]	
	> 45 µm	≤5 [%]	



Shipping Information

Transportation classification: not regulated for transportation
Harmonized tariff number: 28182000

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:	Aluminiumoxid
Formel:	Al ₂ O ₃
CAS No. :	1344-28-1
EG-/EINECS No.:	215-691-6
UN-Nr.:	~



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