



# MARTINAL® ON-904 / ON-906 / ON-908

## Aluminum Hydroxide

### Einsatzbeispiele / Applications

Aluminiumhydroxid mit niedrigem Viskositätsanstieg als flammhemmender Füllstoff in Kunstharzen.

Aluminum hydroxide with low viscosity behaviour as flame retardant filler in synthetic resin.

### Durchschnittsanalyse / Typical analysis

		<b>ON-904</b>	<b>ON-906</b>	<b>ON-908</b>
Al(OH) <sub>3</sub> -Gehalt /-content	[%]	≈ 99.6	≈ 99.6	≈ 99.6
Feuchte / Moisture (105 °C)	[%]	≤ 0.35	≤ 0.30	≤ 0.30
Glühverlust / Loss on Ignition (1200 °C)	[%]	≈ 34.5	≈ 34.5	≈ 34.5
Na <sub>2</sub> O löslich / soluble	[%]	≤ 0.1	≤ 0.1	≤ 0.1
Siebrückstand > 45 µm (naß) / Sieve Residue > 45 µm (wet)	[%]	≤ 0.1	≤ 2.0	≤ 20.0
Mittlere Korngröße Median Particle Size	[µm]	≈ 4	≈ 6	≈ 8
Top-Cut	[µm]	≤ 45	≤ 60	≤ 100
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	≈ 2.5	≈ 2	≈ 1.5
Ölaufnahme / Oil absorption	[ml/100g]	≈ 23	≈ 20	≈ 20
Elektrische Leitfähigkeit / Electrical conductivity (10 % in H <sub>2</sub> O)	[µS/cm]	≤ 140	≤ 130	≤ 120
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 92	≥ 93	≥ 93
Dichte / Density	[g/cm <sup>3</sup> ]	2.4	2.4	2.4
Schüttdichte / Bulk Density	[kg/m <sup>3</sup> ]	≈ 530	≈ 550	≈ 600
Stampfdichte / Bulk Density tamped	[kg/m <sup>3</sup> ]	≈ 850	≈ 900	≈ 1000

## 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: Aluminum Hydroxide  
Formel / formula:  $\text{Al(OH)}_3$   
CAS No.: 21645-51-2  
EC/EINECS No.: 244-492-7

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