



MARTINAL® ON-904 / ON-906 / ON-908

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

		ON-904	ON-906	ON-908
Al(OH) ₃ -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 ₂ 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 ² /g]	≈ 2.5	≈ 2	≈ 1.5
Ölaufnahme / Oil absorption	[ml/100g]	≈ 23	≈ 20	≈ 20
Elektrische Leitfähigkeit / Electrical conductivity (10 % in H ₂ O)	[µS/cm]	≤ 140	≤ 130	≤ 120
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 92	≥ 93	≥ 93
Dichte / Density	[g/cm ³]	2.4	2.4	2.4
Schüttdichte / Bulk Density	[kg/m ³]	≈ 530	≈ 550	≈ 600
Stampfdichte / Bulk Density tamped	[kg/m ³]	≈ 850	≈ 900	≈ 1000

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

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