



MARTINAL[®] ON-310 S

Aluminum Hydroxide

Einsatzbeispiele / Applications

Gemahlenes MARTINAL für Anwendungen als Flammschutzmittel und Füllstoff in Duromeren, Kabelfüllmassen und wässrigen Dispersionen.

Ground MARTINAL for applications as flame retardant and filler in thermosetting plastics, bedding compounds and liquid dispersions.

Durchschnittsanalyse / Typical analysis

Al(OH) ₃ -Gehalt /-content	[%]	≈ 99.6
Feuchte / Moisture (105 °C)	[%]	≤ 0.3
Glühverlust / Loss on Ignition (1200 °C)	[%]	≈ 34.5
Na ₂ O löslich / soluble	[%]	≤ 0.04
Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas)	d ₅₀ [μm]	9 - 10
Brechungsindex / Refractive index	[%]	1.58
Elektrische Leitfähigkeit / Electrical conductivity (10 % in H ₂ O)	[μS/cm]	≤ 140
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 92
Ölaufnahme / Oil absorption	[cm ³ /100g]	20 - 30
Dichte / Density	[g/cm ³]	2.4
Schüttdichte / Bulk Density	[kg/m ³]	600 - 700

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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