



MARTIFIN[®] ON-313

Aluminum Hydroxide

Einsatzbeispiele / Applications

Flammhemmender Füllstoff für die Papier- und Kartonindustrie. Durch Lieferung in weißen Papiersäcken mit wasserlöslicher Klebung und wasserlöslichem Aufdruck ist die direkte Eingabe mit Verpackung in den Pulper möglich.

Flame retardant filler for paper and board industry. It is supplied in white paper bags with water soluble adhesives and water soluble markings. Therefore, it can be loaded directly into the pulper with the packaging.

Durchschnittsanalyse / Typical analysis

Al(OH) ₃ -Gehalt / -content	[%]	≈ 99.6
Feuchte / Humidity (105°)	[%]	≤ 0.25
Glühverlust / Loss on Ignition (1200°C)	[%]	34.5
Teilchengröße (Laserbeugung. Cilas) / Particle Size (laser diffraction. Cilas)	d ₁₀ [μm]	2 – 4
	d ₅₀ [μm]	9 – 15
	d ₉₀ [μm]	18 – 30
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 90
Löslichkeit in Wasser / Solubility in water (20°C, pH 7)	[g/l]	1.5 · 10 ⁻³
Brechungsindex / Refractive index		1.58
Spezifische Oberfläche (BET) / Specific surface (BET)	[m ² /g]	2.5 – 5.5
Dichte / Density	[g/cm ³]	2.4
Schüttdichte / Bulk density	[kg/m ³]	≈ 680

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:	Aluminium hydroxide
Formel / formula:	Al(OH)_3
CAS No.:	21645-51-2
EC/EINECS No.:	244-492-7
ENCS:	1-17
ECL:	KE-00980

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