



MARTIFIN® OL-107

Aluminum Hydroxide

Einsatzbeispiele / Applications

Füllstoff, Streichpigment und TiO₂-Extender 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.

Filler, coating pigment and TiO₂-extender for the 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	[%]	99.4
Feuchte / Humidity (105°)	[%]	≤ 0.6
Glühverlust / Loss on Ignition (1200°C)	[%]	34.5
Teilchengröße (Laser Beugung) / Particle Size (laser diffraction)	d ₅₀ [µm]	ca. 1.2
Weißgrad / ISO-Brightness (Elrepho 457 nm)	[%]	≥ 96
Teilchenform / Particle shape	plättchenförmig, pseudo-hexagonal platelet, pseudo-hexagonal	
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]	6 – 8
Dichte / Density	[g/cm ³]	2.4
Schüttdichte / Bulk density	[kg/m ³]	ca. 250
Härte (nach Mohs) / Hardness (acc. Mohs)		2 – 3

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:	$\text{Al}(\text{OH})_3$
CAS No.:	21645-51-2
EC/EINECS No.:	244-492-7
ENCS:	1-17
ECL:	KE-00980

EUROPE, MIDDLE EAST, AFRICA

Martinswerk GmbH
Kölner Straße 110
D-50127 Bergheim

Phone: +49-2271-902-0
Fax: +49-2271-902-710

AMERICAS

Huber Engineered Materials
3100 Cumberland Boulevard
Suite 600
Atlanta, Georgia 30339

Phone: +1 (678) 247-7300
Fax: +1 (678) 247-2797

ASIA PACIFIC

Huber Fire Retardant Additives
(Qingdao) Co.Ltd
8th Floor No.2 Building, No.7,
Wuyishan Road, Huangdao District,
Qingdao – China

Phone: +86 532-58792008
Fax: +86 532-58792008

Web: www.martinswerk.de
www.hubermaterials.com

Email: info@martinswerk.com
hubermaterials@huber.com



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