



# MARTIFIN® OL-005

## Aluminum Hydroxide Slurry

### Einsatzbeispiele / Applications

Pumpfähige, wässrige Suspension (Slurry) von hochdispersem Aluminiumhydroxid für die Papier- und Kartonindustrie bzw. Dispersionsfarbenhersteller; Flammhemmender Füllstoff für wässrige Bindemittel-Systeme.

Pumpable aqueous suspension (slurry) of highly dispersed aluminium hydroxide for the paper and board industry, manufacturers of dispersion paints; flame retardant filler for aqueous binder systems.

### Daten Suspension / Typical analysis

Al(OH) <sub>3</sub> -Gehalt / -content	[%]	66 – 68
Viskosität / Viscosity	[mPas]	200 – 1000
pH-Wert / pH-value		≈ 9.5
Dichte / Density	[kg/m <sup>3</sup> ]	ca. 1660

### Daten Feststoff / Data of solid

Teilchengröße (Laser Beugung) / Particle Size (laser diffraction)	d <sub>50</sub> [µm]	≈ 1.7
Teilchenform / Particle shape	plättchenförmig, pseudo-hexagonal platelet, pseudo-hexagonal	
Löslichkeit in Wasser / Solubility in water (20°C, pH 7)	[g/l]	1.5 · 10 <sup>-3</sup>
Brechungsindex / Refractive index		1.58
Dichte / Density	[g/cm <sup>3</sup> ]	2.4
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:	Aluminum hydroxide
	approx. 65 % suspension ("slurry") in water
Formel / formula:	Al(OH) <sub>3</sub>
CAS No.:	21645-51-2
EC/EINECS No.:	244-492-7
ENCS:	1-17
ECL:	KE-00980

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