

**Einsatzbeispiele / Applications**

Pumpfähige, wässrige Suspension (Slurry) von hochdisperssem 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.

**Typische Daten der Suspension / Typical analysis**

Al(OH) <sub>3</sub> -Gehalt / -content	[%]	67 - 69
Viskosität / Viscosity	[mPas]	max. 700
pH-Wert / pH-value		7.5 - 9.0
Dichte / Density	[kg/m <sup>3</sup> ]	ca. 1660

**Typische Daten des Feststoffes / Typical data of solid**

Teilchengröße (Laser Beugung) / Particle size (laser diffraction)	d <sub>50</sub>	[µm]	1.3 - 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		
Spezifische Oberfläche (BET) / Specific surface (BET)		[m <sup>2</sup> /g]	4 - 6
Dichte / Density		[g/cm <sup>3</sup> ]	2.4
Härte (nach Mohs) / Hardness (acc. Mohs)	2 - 3		



## Shipping Information

Transportation classification: not regulated for transportation  
Harmonized tariff number: 28183000

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

Chemical Name:	Aluminium hydroxide approx. 65 % suspension ("slurry") in water
Formula:	Al(OH) <sub>3</sub>
CAS No.:	21645-51-2
EC/EINECS No.:	244492-7
ENCS:	1-17
ECL:	KE-00980



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