



# MARTINAL® OL-104 IO / OL-107 IO

## Einsatzbeispiele / Applications

Mit einem Aminosilan beschichtetes, feinteilig gefälltes Aluminiumhydroxid zur Verbesserung der mechanischen, rheologischen und elektrischen Eigenschaften, z.B. in thermoplastischen Kunststoffen wie EVA oder EEA.

Amino silane treated, finely precipitated aluminum hydroxide to improve mechanical, rheological and electrical properties e.g. in thermoplastic resins like EVA or EEA.

## Durchschnittsanalyse / Typical analysis

		OL-104 IO	OL-107 IO
Besonderheiten / Speciality		oberflächenmodifiziert / surface treated	
Al(OH) <sub>3</sub> -Gehalt /-content	[%]	≈ 99.0	≈ 99.0
Feuchte / Moisture (105 °C)	[%]	≤ 0.35	≤ 0.4
Glühverlust / Loss on Ignition (1200 °C)	[%]	≈ 35.0	≈ 35.0
Na <sub>2</sub> O löslich / soluble	[%]	≤ 0.08	≤ 0.08
Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas)			
	d50 [µm]	1.7 – 2.1	1.6 – 1.9
Brechungsindex / Refractive index	[%]	1.58	1.58
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g]	3 – 5	6 – 8
Dichte / Density	[g/cm <sup>3</sup> ]	2.4	2.4
Schüttdichte / Bulk Density	[kg/m <sup>3</sup> ]	≈ 500	≈ 400
Wärmebeständigkeit / Thermal Stability (Temp. at 2% weight loss, 1 K/min)	[°C]	≈ 225	≈ 220

Die oben genannten Werte sind nur als Richtwerte zu verstehen und nicht etwa als zugesicherte Eigenschaften.  
The above mentioned values should be taken only as indications and not as guaranteed properties.

## 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:  $\text{Al(OH)}_3$   
CAS No.: 21645-51-2  
EC/EINECS No.: 244-492-7

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