



# MARTINAL® OL-104 GO

## Aluminum Hydroxide

### Einsatzbeispiele / Applications

Feinteilige gefällte MARTINAL Type mit spezieller patentierter Beschichtung, insbesondere zur Verbesserung der Reißdehnung, der rheologischen und elektrischen Eigenschaften von thermoplastischen oder vernetzten EVA/PE oder Elastomer Compounds.

Fine precipitated MARTINAL grade with a proprietary coating. Designed for improved elongation at break, rheological and electrical properties especially in thermoplastic or crosslinked EVA/PE or rubber compounds.

### Durchschnittsanalyse / Typical analysis

Besonderheiten / Speciality	oberflächenmodifiziert / surface treated
Al(OH) <sub>3</sub> -Gehalt /-content	[%] ≈ 99.0
Feuchte / Moisture (105 °C)	[%] ≤ 0.35
Glühverlust / Loss on Ignition (1200 °C)	[%] ≈ 35.0
Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas)	d <sub>50</sub> [µm] 1.7 – 2.1
Verhalten in Wasser / Reaction in water	nicht benetzbar / no wetting of particles
Brechungsindex / Refractive index	[%] 1.58
Spezifische Oberfläche / Specific Surface Area (BET)	[m <sup>2</sup> /g] 3 – 5
Dichte / Density	[g/cm <sup>3</sup> ] 2.4
Schüttdichte / Bulk Density	[kg/m <sup>3</sup> ] ≈ 500
Wärmebeständigkeit / Thermal Stability (Temp. at 2% weight loss, 1 K/min)	[°C] ≈ 225

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

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