



MARTINAL® OL-111 LE

Einsatzbeispiele /
Applications

Die Produktreihe MARTINAL „OL/LE“ umfasst feinteilig gefällte Aluminiumhydroxide mit besonders niedrigem Gehalt an löslichen Elektrolyten. Sie eignen sich u.a. speziell für hohe Qualitätsanforderungen im Elektro- und Elektronikbereich.

MARTINAL grades „OL/LE“ are fine precipitated aluminum hydroxides with a very low content of soluble electrolytes for demanding requirements (i.e. in the electrical and electronic industries).

Durchschnittsanalyse /
Typical analysis

Al(OH) ₃ -Gehalt /-content	[%]	≈ 99.4
Feuchte / Moisture (105 °C)	[%]	≤ 0.7
Glühverlust / Loss on Ignition (1200 °C)	[%]	≈ 34.5
Na ₂ O löslich / soluble	[%]	≤ 0.1
Teilchenform / Particle shape	plättchenförmig / platelet, pseudo-hexagonal	
Brechungsindex / Refractive index	[%]	1.58
Elektrische Leitfähigkeit / Electrical conductivity (10 % in H ₂ O)	[μS/cm]	≤ 200
Weißgrad / Whiteness (Elrepho 457 nm)	[%]	≥ 95.5
Spezifische Oberfläche / Specific Surface Area (BET)	[m ² /g]	10 – 12
Ölaufnahme / Oil absorption	[cm ³ /100g]	50 – 65
Dichte / Density	[g/cm ³]	2.4
Schüttdichte / Bulk Density	[kg/m ³]	≈ 200

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.

**Durchschnittsanalyse /
Typical analysis**

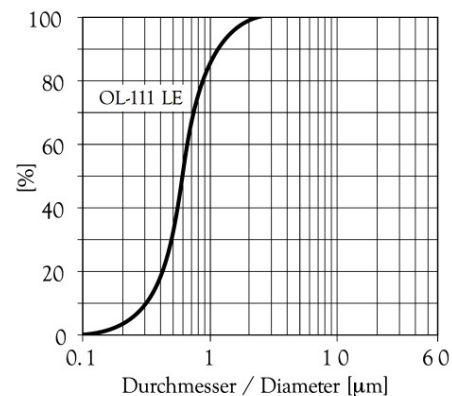
Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas)

d_{10} [µm] 0.3 – 0.6

d_{50} [µm] 0.9 – 1.4

d_{90} [µm] 1.2 – 3.0

Typische Korngrößenverteilung / Typical Particle Size Distribution



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

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