



# MARTINAL<sup>®</sup> TM-3620

## Aluminum Hydroxide

### Einsatzbeispiele / Applications

MARTINAL TM-3620 ist ein wärmeleitendes Material, das für sich allein oder in Kombination mit anderen Füllstoffen verwendet werden kann, um hohe Füllgrade in Epoxidharzen, Polyurethansystemen und Silikon zu erreichen.

MARTINAL TM-3620 is a thermally conductive material designed to be used either by itself or in blends with other fillers to attain high loadings in epoxy, polyurethane and silicone-based gap-fillers.

### Durchschnittsanalyse / Typical analysis

|   |                      |        |
|---|----------------------|--------|
| Al(OH) <sub>3</sub> -Gehalt /-content   | [%]                  | ≈ 99.6 |
| Feuchte / Moisture (105 °C)   | [%]                  | ≤ 0.25 |
| Glühverlust / Loss on Ignition<br>(1200 °C)                                   | [%]                  | ≈ 34.5 |
| Na <sub>2</sub> O löslich / soluble   | [%]                  | ≤ 0.30 |
| Brechungsindex / Refractive index   | [%]                  | 1.58   |
| Teilchengröße (Laserbeugung, Cilas) / Particle Size (Laser scattering, Cilas) |                      |        |
|   | d <sub>90</sub> [µm] | ≈ 100  |
| Dichte / Density  | [g/cm <sup>3</sup> ] | 2.4    |
| Schüttdichte / Bulk Density   | [kg/m <sup>3</sup> ] | ≈ 1200 |

## 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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