

**MATERIAL SPECIFICATION**

Producer: HOFFMANN MINERAL GmbH  
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Commercial product name: **AKTISIL Q**

Chemical analysis: SiO<sub>2</sub> – Al<sub>2</sub> [(OH)<sub>4</sub>Si<sub>2</sub>O<sub>5</sub>] mixture  
silica kaolinite  
SILLITIN V 90\* coated with methacryl silane

Delivery form: Powder

Storage stability: 2 years

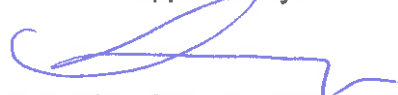
Characteristics	Test method	Based on	Specification
Brightness Y	UGR-PV/PT/69	DIN 53 163	81.5 – 87.0
Residue > 40 µm > 200 µm	UGR-PV/PT/43	DIN EN ISO 787 part 18	≤ 100 [mg/kg] ≤ 20 [mg/kg]
Volatile matter at 105 °C RT 20°C / RH 50 %	UGR-PV/PT/41	DIN EN ISO 787 part 2	≤ 0.4 [%]
Water content (Karl Fischer)	UGR-PV/PT/48	DIN 51 777	≤ 0.4 [%]
Water absorption (Baumann)	UGR-PV/PT/42		≤ 1.5 [ml/g]
Air-jet screening method	UGR-PV/PT/84	DIN EN ISO 4610	≤ 0.3 [%]

\*internal product quality

Contact person:

  
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Approved by:

  
Head of R&D, QM / Dr. Christian Seeger