

MATERIAL SPECIFICATION

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

Chemical analysis: SiO₂ – Al₂ [(OH)₄Si₂O₅] mixture
Silica Kaolinite
SILLITIN Z 86 mercapto functionalized

Delivery form: Powder

Storage stability: 3 years

Characteristics		Test method	Based on	Specification	
Color value	L* b*	UGR-PV/PT/69	DIN 5033	92.5 - 94.5 6.0 - 12.0	
Residue	> 40 µm	UGR-PV/PT/43	DIN EN ISO 787 part 18	≤ 100	[mg/kg]
Volatile matter at 105 °C RT 20 °C / RH 50 %		UGR-PV/PT/41	DIN EN ISO 787 part 2	≤ 1.1	[%]
Water content (Karl Fischer)		UGR-PV/PT/48	DIN 51 777	≤ 0.6	[%]
Air-jet screening method	>125 µm	UGR/PV/PT/84	DIN EN ISO 4610	≤ 0.3	[%]

Contact person



QA / Dirk Schröder

Approved by



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