

MATERIAL SPECIFICATION

Producer: HOFFMANN MINERAL GmbH & Co. KG
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Commercial product name: **AKTISIL VE**

Chemical analysis: SiO₂ – Al₂ [(OH)₄Si₂O₅] mixture
 silica kaolinite
 SILLITIN Z 86 coated with vinyl-functional silane

Delivery form: Powder

Characteristics	Test method	Based on	Typical value	
Brightness Y	UGR-PV/PT 69	DIN 53 163	78.0 – 83.0	
Residue > 40 µm	UGR-PV/PT 43	DIN ISO 787 part 18	≤ 100	[mg/kg]
> 200 µm			≤ 20	[mg/kg]
Volatile matter at 105 °C RT 20°C / RH 50 %	UGR-PV/PT 41	DIN ISO 787 part 2	≤ 1.4	[%]
Water content (Karl Fischer)	UGR-PV/PT 48	DIN 51 777	≤ 0.8	[%]
Concentration of additive	Mass balance		≤ 0.8	[%]
Air-jet screening method	UGR-PV/PT 84	DIN EN ISO 4610	≤ 0.3	[%]

Issued by:

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Approved by:

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

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