

MATERIAL SPECIFICATION

Producer: HOFFMANN MINERAL GmbH
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Commercial product name: **AKTISIL PF 216**

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

Delivery form: Powder


Storage stability: 2 years

Characteristics	Test method	Based on	Specification
Brightness Y	UGR-PV/PT/69	DIN 53 163	78.5 – 84.0
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	≤ 0.8 [%]
Water content (Karl Fischer)	UGR-PV/PT/48	DIN 51 777	≤ 0.6 [%]
Water absorption (Baumann)	UGR-PV/PT/42		≤ 0.1 [ml/g]
Air-jet screening method	UGR-PV/PT/84	DIN EN ISO 4610	≤ 0.3 [%]

Contact person:


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Approved by:


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