

MATERIAL SPECIFICATION

Producer: HOFFMANN MINERAL GmbH & Co. KG
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Commercial product name: **AKTISIL PF 777**

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

Delivery form: Powder

Characteristics	Test method	Based on	Specification
Brightness Y	UGR-PV/PT 69	DIN 53 163	78.0 – 83.0
Residue > 40 µm > 200 µm	UGR-PV/PT 43	DIN 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 ISO 787 part 2	≤ 1.0 [%]
Water absorption (Baumann)	UGR-PV/PT 42		≤ 0.1 [%]
Air-jet screening method	UGR-PV/PT 84	DIN EN ISO 4610	≤ 0.3 [%]

Issued by:

Approved by:

Management QM / Dirk Schröder

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

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