

MATERIAL SPECIFICATION

Producer: HOFFMANN MINERAL GmbH
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Commercial product name: **SILLIKOLLOID P 87**

Chemical analysis: SiO₂ – Al₂ [(OH)₄Si₂O₅] mixture
silica kaolinite

Delivery form: Powder

Storage stability: unlimited

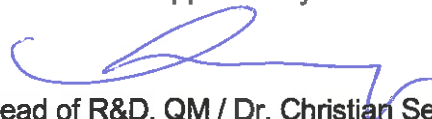
Characteristics	Test method	Based on	Specification
Brightness Y	UGR-PV/PT/69	DIN 53 163	80.5 – 84.5
Residue > 40 µm > 200 µm	UGR-PV/PT/43	DIN EN ISO 787 part 18	≤ 60 [mg/kg] ≤ 10 [mg/kg]
pH-value	UGR-PV/PT/61	DIN EN ISO 787 part 9	7.0 – 9.2
Volatile matter at 105 °C RT 20°C / RH 50 %	UGR-PV/PT/41	DIN EN ISO 787 part 2	≤ 0.8 [%]
Electrical conductivity	UGR-PV/PT/57	DIN EN ISO 787 part 14	≤ 100 [µS/cm]
Particle size distribution d ₅₀ d ₉₇	UGR-PV/PT/72	ISO 13320	≤ 1.8 [µm] ≤ 8.2 [µm]
Air-jet screening method	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