

MATERIAL SPECIFICATION

Producer: HOFFMANN MINERAL GmbH
 P.O. Box 14 60 • D-86619 Neuburg (Donau)
 Phone (+49-84 31) 53-0 • Fax (+49-84 31) 53-3 30
 Internet: www.hoffmann-mineral.com
 Email: info@hoffmann-mineral.com

Commercial product name: **SILLITIN N 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	80.0 – 83.0
Brightness Z	UGR-PV/PT 69	DIN 53 163	74.0 – 78.0
Residue > 40 µm	UGR-PV/PT 43	DIN ISO 787 part 18	≤ 60 [mg/kg]
> 200 µm			≤ 10 [mg/kg]
pH-value	UGR-PV/PT 61	DIN ISO 787 part 9	7.0 – 9.2
Volatile matter at 105 °C RT 20°C / RH 50 %	UGR-PV/PT 41	DIN ISO 787 part 2	≤ 0.8 [%]
Electrical conductivity	UGR-PV/PT 57	DIN ISO 787 part 14	≤ 100 [µS]
Particle size distribution	UGR-PV/PT 72		≤ 4.3 [µm]
			≤ 22.0 [µm]
Air-jet screening method	UGR-PV/PT 84	DIN EN ISO 4610	≤ 0.3 [%]

Issued by:

QA / Dirk Schröder

Approved by:

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

(automatically generated document – valid without signature)