

Product:

PROFUSIL 22 Hydrophobic Fumed Silica

Description:

PROFUSIL 22 a hydrophobic fumed silica based on surface area of 200 m²/g. and aftertreated with polydimethylsiloxane (PDMS)

Properties:

Physical Data	Unit	Typical Values
Specific surface area (BET)	m ² /g	130 ± 30
Average particle size	nm	12
Tapped Density	g/l	50
Ignition loss	wt. %	4.0-6.0
Carbon content	wt. %	3.5-5.0
Moisture	wt. %	≤ 0.5
pH		4.0-6.0
SiO ₂ content	wt. %	≥ 99.8

Applications:

Application

- Adhesives/Sealants
- Defoamers/Anti-foams
- Epoxy resins
- Gelcoats
- Cable gels
- Plastics

General Functional Properties

Rheology, Suspension control/agent, Free-flow & anti-settling agent for heavy fillers. Pigment dispersion, Toner (negative black), Pigment stabilization. Thixotrophy, Thickening, Hydrophobicity in Cable gels, polyurethane & vinylester resins.

Packaging:

10 lb. Bags and 180 lb. Super sacks

Contact:

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FDA Status: approved for use under 21 CFR 176.210, 176.200, 175.105 and 173.340

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