



TECHNICAL DATA SHEET

Flexisil™ SPS

Technical Overview

Flexisil SPS is an alkaline, aqueous nanoparticle dispersion of amorphous colloidal silica. The dispersion is an alumina-modified, highly structured, and high surface area product. These characteristics enhance product efficiency with cationic polymers across a wide pH range.

Applications

- Inorganic Binder
- Industrial Paper applications
- Water Treatment

Typical Properties

PROPERTY	VALUE
Appearance	Clear to hazy liquid, aqueous colloidal dispersion
Wt. % SiO ₂	7.4 - 7.8
Surface Area (m ² /g)	800 - 900
pH (@20°C)	10.0 - 10.5
Wt. % Al ₂ O ₃	0.30 minimum
Storage	Perishable if frozen
Shelf Life	4 months from date of manufacture

Packaging and Handling

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product. Keep container tightly sealed. Store above 5°C (41°F) and below 35°C (95°F).

Available in Bulk and IBC.

DOT Classification: Not regulated.

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