



# TECHNICAL DATA SHEET

## Flexisil 2-12

### Technical Overview

Flexisil 2-12 is an alkaline, aqueous nanoparticle dispersion of amorphous colloidal silica. This dispersion is sodium stabilized and the silica particles have a negative surface charge. The silica particles are discrete and have a slightly rough, spherical shape.

### Applications

- Inorganic Binder
- Paper Coatings
- Beverage clarification
- Precision polishing where a very small particle is required
- Water Treatment

### Typical Properties

PROPERTY	VALUE
Appearance	Clear to hazy liquid, aqueous colloidal dispersion
Wt. % SiO <sub>2</sub>	11.8 - 12.2
Surface Area (m <sup>2</sup> /g)	900 - 1100
pH (@20°C)	10.8 - 11.3
Storage	Perishable if frozen
Shelf Life	3 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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