



TM

TECHNICAL DATA SHEET

Flexisil 5-15S

Technical Overview

Flexisil 5-15S is an alkaline, aqueous nanoparticle dispersion of amorphous colloidal silica. This dispersion is sodium stabilized. The silica particles have a spherical shape and are structured to enhance performance with cationic additives.

Applications

- Inorganic Binder
- Battery uses
- Concrete uses
- Precision Investment Casting (PIC)
- Refractory
- Other applications

Typical Properties

Appearance	Clear to hazy liquid, aqueous colloidal dispersion
Wt. % Silica	14.6 – 15.4
Surface area (m ² /g)	600 – 700
pH (@ 20 °C)	10.4 – 10.9
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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