

LSP-C

Lite Silica Powder

Description

LSP-C is an amorphous silica with an extensive surface area. LSP-C is used to decrease cement slurry weight, increase slurry volume and minimize free water. It can also enhance fluid loss control, thixotropy and under certain conditions prevent compressive strength retrogression.

Properties

Form: Fine Powder	Color: Light: White to gray
Odor: None	Specific Gravity: 2.52
Bulk Density: 16 lb/ft ³	Absolute Volume: 0.048 gal/lb
Water Requirement: 0.40 gal/lb	

Application

LSP-C can be used at concentrations of 1.0 to 30.0% BWOC. Due to the extensive surface area LSP-C imparts viscosity to cement slurries and can shorten thickening time. Thorough testing with the specific cement and mixing water to be used is required. Normal range of use is for well temperatures of 60°F to 230°F.

Compatibility

LSP-C has no known incompatibilities. Dispersants may reduce the effectiveness of LSP-C.

Handling/Storage

Store in a dry place. Avoid contact with eyes. Avoid creating and inhaling dust. Use with adequate ventilation. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging

LSP-C is shipped in 50 lb bags.