



TETRACarb Medium

SOLIDS BASED PILLS

Overview

A select grind, high purity calcium carbonate (CaCO_3) bridging agent, TETRACarb Medium solids based pill has a particle size distribution ranging from 30 to 3350 microns and a D50 value of 300 microns.

TETRACarb Medium solids based pill is used as a primary bridging agent to control fluid loss. It can also be used as density adjustment material in high density, acid soluble, solids-laden workover and completion fluids, up to 14.0 ppg.

Features and Benefits

- Engineered mean particle size range from 30 to 3350 μm
- Effective bridging, especially when coupled with the TETRA SmartSeal™ bridging agent software
- Easily solubilized with acids
- Suitable for use in oil- and water-based fluids
- High-quality materials to minimize formation damage
- Essentially inert for minimal fluid property effects

Applicable Information

Viscosify makeup brine with the appropriate concentration of either Vis HEC Viscosifier, Vis L Viscosifier or Vis L HB Viscosifier. After viscosity develops add calcium carbonate slowly through the rig hopper and agitate gently to promote uniform mixing.

Technical Specifications

Physical Properties

Appearance	White powder
Specific gravity	2.7 - 2.9
Water Solubility	Negligible
Acid Solubility	Soluble in acetic, hydrochloric and nitric acids

Packaging Information

50 lb sacks
25 kg sacks

Recommended Treatment

TETRACarb Medium is used as needed in pills, usually 30-60 ppb, to bridge across highly permeable or fractured zones. From 30% of the CARB added should have a particle size at least one third of the pore throat size of the formation diameter.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator, if adequate ventilation is not available. Refer to the Safety Data Sheet for specific details.

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