

Riteks RCR-800

Non-Lignin Cement Retarder

General Description

Riteks RCR-800 is a non-lignin retarder capable of retarding cement at temperatures between 80 - 220°F (20 - 105°C). This material is non-dispersing and is compatible in a wide range of additive combinations in API cements.

Riteks RCR-800 is an alternative to commonly used lignin retarders. It provides good strength development and can be used in a variety of situations such as water-extended slurries, long cement columns, or cooler temperatures.

Riteks RCR-800 also has shown a predictable response to changes in concentration, and repeatable results, which may aid in slurry design, lab time, and help smooth operations. RCR-800 has been proven effective in several API Class cements including Class G, Class H, Class A, and Class C.

Feature and Benefits

- Non-Dispersing Properties
- Provides linear and consistent results
- Provides good strength development
- Very compatible with other cement additives
- Increases Cement Thickening Time

Loading Levels and Applications

Used at the recommended levels of 0.1 to 2.0% by weight of cement (BWOC), Riteks RCR-800 can be used in:

- Primary and remedial cementing operations
- High-density and/or low fluid loss slurries
- Typical temperature ranges of 80 - 220°F (20 - 105°C) BHCT.
- Effective in several API Class cements including Class G, Class H, Class A, and Class C.

Typical Properties

Appearance: Tan / Free Flowing Powder Specific Gravity: 1.779

Absolute Volume (gal/lb): 0.06736

Abs. Bulk Density (lb/ft³): 64

Active Content (%): >98

Typical properties given do not constitute a supply specification

Packaging/Storage

Available in 50lb (22.7 kg) bags and 2000lb (907.2 kg) Supersacks

Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

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11917 Cutten Road Houston, TX 77066
Ph: [281] 569-3500 • Fax: [281] 569-3508

www.riteks.com

V: 2020.10b