

PVOH-RS 70 S

Fluid Loss Polymer

General Description

Riteks PVOH-RS 70 S additive is a multipurpose powdered latex that can help control fluid loss and provide excellent cement bonding. The material is non-retarding and is an effective low temperature fluid loss & gas migration additive, that is known to slightly viscosify slurries. Riteks PVOH-RS 70 S also helps in enhancing the durability of cement and providing improvements in both bond strength and shear bond strength, which becomes very important during stimulation where the casing is undergoing extreme stresses in hour long intervals as well as during the entire life of the well.

Feature and Benefits

PVOH-RS 70 S is suitable for use as a fluid loss control additive in oil field cementing applications. When added to cement formulations, PVOH-RS 70 S will reduce the loss of fluid from the slurry which is particularly critical in the cementing process. PVOH-RS 70 S may be used as an additive in cements, tile adhesives and mortars in the building industry where it improves water retention and working ability.

Loading Levels and Applications

PVOH-RS 70 S can be added to the cement by dry mixing; by a continuous process where the fluid loss additive and water are concurrently added to the cement, included by addition to the cement mix water; or added directly to the slurry. Dry mixing PVOH-RS 70 S with cement before the addition of water assists in preventing lumps. Charging 70 S to water at 30° C with agitation will also reduce the formation of lumps.

Typical Properties

CAS Number: 25213-24-5

Degree of Hydrolysis: 86-89% (mole)

Viscosity, cps: 44-50

Physical state: Fine powder

pH at 20 °C: 5-7

Color: White

Odor: Odorless

Volatiles %: <5

ASH, wt. %: <0.7

Specific Gravity: 1.29

Absolute Volume: 0.0929

Typical properties given do not constitute a supply specification

Packaging/Storage

Available in 20 kg bags and in drums.

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