

Fluid Loss Control Agent KCM016

1. Introduction

Selection of fluid loss control additives is very important for cementing job design. Most fluid loss control agents affect other properties of cement slurry such as rheology, retardation, and cement set strength. Comprehensive laboratory testing is generally required for selection of fluid loss control agent especially at high temperatures.

KCM016 not only controls fluid loss property of the cement slurry, but also minimizes formation fluid migration into cement column.

2. Physical Properties and Hazards

Additive	Form	S.G.	Water Solubility	Melting/Flash Point (°C)	Health Hazard	Physical Hazard	pH
KCM016	White to Tan Powder	1.55-1.75	Soluble	>100	Eyes	Water Slick	N/A

3. Chemical Properties and Application

KCM016 is a free-flowing powder which can only be mixed with dry cement. It is compatible with most cement brands and mix water although caution should be taken when used in seawater and salt slurries. Laboratory testing indicates that KCM016 is compatible with most cement additives. It can be used in the temperature range of 40-210°F and various slurry densities.

4. Treatment

Generally, fluid loss value of less than 150ml/30min are easily obtained at reasonable KCM016 concentration varying from 0.5% to 1.5% by the weight of cement.

5. Packaging

Each sack of KCM016 contains 25kgs with +/- 0.25kgs. Sacks consist of three layers with one polyethylene inner layer and two paper layers.

It should be stored in shaded areas with good ventilation. Keep it away from high temperature, humidity, and direct sunlight.