

Flowback Control Additive KHF016A

1. Introduction

In hydraulic fracturing treatment, highly viscous fluids are used to place proppant in the fracture. When the well cleanup and flow back, along with the fluid, large quantities of proppant will flow back to the surface. The loss of proppant especially from the near wellbore critically lower the proppant conductivity and is non-desirable. To minimize or eliminate the proppant flowback, several methods have been employed, and the one of the best methods is the use of fibers to control the proppant flowback.

2. Physical Properties and Hazards

Additive	Form	Specific Gravity	Water Solubility	Melting/Flash Point (°C)	Health Hazard	Physical Hazard	pH
KHF016A	White Fiber	1.34-1.38	Insoluble	-	None	Itchy on Contact	-

3. Chemical Properties and Application

KHF016A is inert fiber material, which is added into the fracturing fluid towards the end of the fracturing treatment to create bridge to stop the proppant from flowing back to the surface.

KHF016A can be used up to 275°F. KHF016A is compatible with all the fracturing fluids and additives used currently in the industry.

4. Treatment

Typical concentration of KHF016A generally vary from 10 to 50 ppt of frac fluid, higher concentration and uneven metering of this product can result in mixing problems and bridge off the pumping equipment, and can even result in screen out.

5. Packaging

KHF016A is supplied in plastic-lining bags with net weight of 25 kg/bag.

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