

Fiber Diverter KHF016

1. Introduction

Proppant flowback or screen-out during fracturing operations are major concerns for field engineers. Fiber product KHF016 is used to minimize proppant flowback and to improve proppant carrying capacity for the effectiveness of fracturing treatment.

2. Physical Properties and Hazards

Additive	Form	Specific Gravity	Water Solubility	Melting/Flash Point (°C)	Health Hazard	Physical Hazard	pH
KHF016	Off-white Fiber	1.34-1.38	Insoluble	-	Eyes, Inhalation	Dust	-

3. Chemical Properties and Application

KHF016 is a fibrous product used in fracturing operations to improve proppant carrying capacity and effectiveness of fracturing treatment. The unique nature of KHF016 will (1) increase effective fracture half-length (2) control fracture height growth (3) reduce gel loading in fracturing fluid to minimize fracture damage (4) control proppant flowback, and (5) improve zone or interval coverage and fracture effectiveness.

KHF016 is generally used with low guar loading fracturing fluid MaxFrac. Lower polymer loading is possible while adding KHF016 in MaxFrac due to superior proppant carrying capacity of KHF016, which is compatible with all additives used in MaxFrac systems. The engineered MaxFrac fracturing fluids can be used up to 265°F.

4. Treatment

KHF016 is generally added into MaxFrac fluids at the level of 20-40 lbs/Mgal for optimum performance.

5. Packaging

KHF016 is supplied in plastic-lined bags with net weight of 25 kg/bag.

Keep it away from extreme conditions such as places wet and humid or direct sunlight.