

# QFIBER

## Description

An organic naturally occurring lignin cellulose material for the control of lost circulation and seepage losses in water based fluids. A blend of various grades/sizes of material. QFIBER's patented processing, unique bonding chemistry, and optimum fiber shape make it a superior performing lost circulation product in the drilling fluids industry. It performs well in fresh water fluids as well as saturated salt fluids.

## Applications

QFIBER can be used as a standalone product or in combination with other LCM products in pill form or as an hourly treatment for the stoppage or control of lost circulation. Field experience in a particular area is heavily relied on to determine the final concentration as a laboratory model has not been developed to determine optimum concentrations for lost circulation needs.

QFIBER is currently in use in West Texas in salty to saturated systems to control seepage to major losses in sandstone limestone and hydraulically fractured formations.

## Features and Benefits

- Effective bridging material for controlling loss circulation and seepage
- Relatively low concentrations are required as compared to other types of LCM products
- Negligible effect of drilling fluid density
- Compatible with other LCM products
- Inert and environmentally friendly

## Typical Properties

Appearance	Fibrous and granular solids
Color	Light tan to dark brown
Specific Gravity	1.1 - 1.2
Solubility in water	Insoluble

## Recommended Treatment

For lost circulation a treatment of 8-10 ppb (22.82-28.55 kg/m<sup>3</sup>) is recommended. For seepage losses a treatment of 1-2 x 25 lb sacks/hour is recommended.

QFIBER is easily mixed through the hopper. When spotting a slurry use low pump rates and low pressures. When experiencing total lost returns, pull above the loss zone, pump the slurry down and intermittently squeeze the product into the loss zone.

## Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

## Packaging

QFIBER is available in 25 lb (11.36 kg) multiwall paper bags, palletized 66sx/pallet.

No representations or warranties, either express or implied, of merchantability, fitness for a specific purpose, and/or that the products to which the information referred to in this document may be used without infringing the intellectual property rights of others, or of any other nature, are made with respect to information provided in this document, or the products referred to herein. In no case shall the information be considered a part of our terms and conditions of sale of QMax products or services. Use of the information provided in this report is at the user's risk.

*"Excellence, Innovation, Integrity, Teamwork and Safety"*

www.qmax.com – 11700 Katy Fwy, Ste 200, Houston, TX 77079 – Tel.: +1 (832) 672 4476