

Gilsonite® DL-P

Description

Gilsonite® is a naturally occurring glossy black asphaltic, solid hydrocarbon resin with a low specific gravity. Gilsonite® DL-P is a water-wettable version of Gilsonite®, which will wet and disperse with mild agitation. Major component of Gilsonite is Carbon, while it contains several other elements. It is soluble in various petroleum and chlorinated solvents.

Applications

The addition of the specially-treated Gilsonite® DL-P to water-based drilling fluids helps minimize hole washout by stabilizing troublesome shales, and seals off highly permeable sands while reducing torque and drag. The addition of Gilsonite to oil well cements reduces slurry weight without loss of compressive strength and acts as an effective bridging and plugging agent to seal fractures in weak formations while cementing. Also, Gilsonite® DL-P reduces filtration rates, particularly HPHT filtrate.

Features and Benefits

- Water dispersible Gilsonite
- It has a high softening point (325°F)
- Effective in reducing HPHT fluid loss
- Inhibits sloughing of shale formations
- Helps reducing torque and drag
- Minimizes potential differential sticking in depleted sands
- Helps minimize hole washout

Typical Properties

Appearance	Powder
Color	Brown to black
Specific Gravity	1.06
Softening Point	> 325°F (163°C)
Moisture	< 1.0%

Recommended Treatment

Typical concentrations of Gilsonite DL-P are between 4.0 – 10.0 lb/bbl (11.5 – 28.5 kg/m³) for shale stabilization and 4.0 – 6.0 lb/bbl (11.5 – 17.0 kg/m³) for high temperature high pressure fluid loss control. For cement slurries, concentrations could vary from 5.0 – 50.0 lb/bbl (14.0 – 140 kg/m³).

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

Gilsonite® DL-P is available in 50 lb (22.7 kg) and 55 lb (25 kg) bags.

Gilsonite® is a Trademark of American Gilsonite.

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.: 832 672 4476