



Product Information

Gilsonite

GENERAL DESCRIPTION

Gilsonite is a naturally occurring black, solid hydrocarbon. It is mined and ground to the desired particle size.

FEATURES AND BENEFITS

Gilsonite is used to control API and HTHP fluid loss in oil base drilling fluids. When mixed with organophilic clays, its particular grind size and softening point are ideal for reducing whole mud losses to the formation. Gilsonite Pulverized is only partially soluble in aromatic hydrocarbons.

RECOMMENDED TREATMENT

Gilsonite should be added a rate of 10-30kg/m³.

TYPICAL PHYSICAL PROPERTIES

Appearance	black solid
Specific Gravity	1.06
Moisture	1.0%
Ash	<3.0%
Sulphur Content	0.3%
Softening Point	>205°C
Flash Point	316°C

Particle Size

Tyler Mesh		% Retained (Cumulative)
+10	(1700 microns)	5
+35	(500 microns)	40
+65	(212 microns)	55
+100	(150 microns)	70

HANDLING

Gilsonite Pulverized is relatively stable and of low hazard. However, it should not be stored or used near strong oxidizing agents such as chlorates, nitrates or peroxides.

Excessive dust is subject to combustion or explosion upon contact with spark or open flame and should be minimized.

Use good industrial hygiene practice to avoid eye and excess skin contact. Wear a protective dust mask and goggles when handling and mixing.

AVAILABILITY

Gilsonite is available in 22.68kg multi-wall paper sacks from HiTech Fluid Systems Ltd.