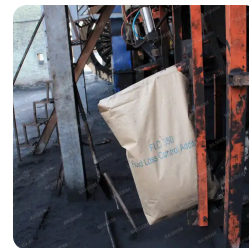


Drilling Fluid Grade Gilsonite

Technical Data Sheet (TDS) / Product Specification

Drilling fluid grade gilsonite is milled to about 200 mesh and supplied in several softening point ranges. At downhole temperature the particles soften and seal pores and micro-fractures, reducing HPHT fluid loss, stabilizing shale and adding lubricity.



1. Typical properties

Property	Typical value	Test method
Appearance	Black, shiny powder	Visual
Softening point (R&B)	160 – 220 °C (grades)	ASTM D36
Ash content	3 – 8 %	ASTM D3174
Solubility in TCE	95 – 99 %	ASTM D2042
Specific gravity @ 25°C	1.04 – 1.06	ASTM D70
Moisture, max	1 %	ASTM D95
Particle size	75 – 200 µm	Sieve

Typical values for guidance. The binding specification for each lot is stated in the Certificate of Analysis (COA).

2. Key benefits

- Reduces HPHT fluid loss
- Reduces torque, drag and sticking
- Stabilizes shale and micro-fractures
- Stable above 150 °C

3. Applications

- Oil-based and synthetic muds
- Lost circulation pills
- Water-based muds (with dispersant)
- Horizontal and HPHT wells

4. Recommended dosage

2 – 8 lb/bbl. Final dosage should be confirmed by laboratory or field trials under actual conditions.

5. Packing and storage

Packing	25 kg (50 lb) bags palletized; 1 MT jumbo bags.
Storage	Store in a dry, covered and well-ventilated area on pallets, away from heat and ignition sources. Keep bags closed.
Shelf life	At least 12 months in original packing.

6. Quality and documents

Each shipment is supplied with COA, TDS and MSDS. Third-party inspection (e.g. SGS) can be arranged on request.

Disclaimer: The information in this data sheet is based on our current knowledge and is given in good faith. It does not constitute a warranty of suitability for a particular purpose. Users should determine suitability through their own tests.

Prepared by	Approved by	Company stamp
BASEKIM Quality Control Laboratory Date: 2026-10-03	Sun Gilsonite Technical Team, BASEKIM Date: 2026-10-03	APPROVED Sun Gilsonite by BASEKIM Quality Control