



Technical Data Sheet

Barite

Product Description

Barite or barium sulfate is used to increase the density of drilling fluids. The high-specific gravity of this mineral is widely used to increase density.

Applications: increasing mud weight.

Treatments: The amount of barite required to increase can be calculated with the below formula.

Product Formulas

$$\text{Barite lb/bbl} = \frac{1435 (w2 - w1)}{34.153 - w2}$$

Where: w1 = Initial mud weight in lb/gal

w2 = Desired mud weight in lb/gal

Note: The Sg of barite will determine formula. This formula is for 4.1 Sg barite.

KEY BENEFITS

- Increasing mud density

Key Properties

Color	Gray, Pink or Tan
Physical Form	Powder
Sg	4.1
Particles > 75 micron	3% wt. max
Particles <6 micron	30% wt. max
Packaging	100 lb Sacks & Bulk