

# BARITE

Drilling fluid weighting agent

## DESCRIPTION

**BARITE** is an high quality drilling grade API 13A spec barium sulphate used to increase density of drilling fluids. It is chemically inert, insoluble and does not react with other drilling fluids.

## APPLICATIONS

**BARITE** is primarily used in mud rotary drilling. **BARITE** increases mud density to help control formation pressures, stabilise the borehole or used in kill fluids.

## ADVANTAGES

- Safe and Easy to use
- Non-toxic and environmentally acceptable
- Is compatible with most other Mudex drilling fluids

## TYPICAL PROPERTIES

Physical Appearance	Tan powder
Specific Gravity	4.2

## USAGE

**Weight up with Barite** Kg of Barite/m<sup>3</sup> of Fluid =

$$\frac{4200 \times (W2 - W1)}{(4.2 - W2)}$$

W1 = Initial mud weight in specific gravity

W2 = Desired mud weight in specific gravity

Example: The Amount of Barite required to take a Mud Weight from 1.1 to 1.3 is

$$4200 \times (1.3 - 1.1) \div (4.2 - 1.3) = 289 \text{ kg per 1000 litres}$$