
BARITE

DESCRIPTION Ground barium sulphate (BaSO₄) with a minimum specific gravity of 4.2 and conforming to the following API specifications:

Wet Screen Analysis:

3% residue (max) on US Sieve #200 (74 microns)
5% residue (min) on US Sieve #325 (44 microns)

Soluble Alkaline Earths as Calcium: 250 mg/l (max).

APPLICATION In its pure form barite is chemically inert and can be used to increase mud densities to as high as 2400 kg/m³.

To calculate the amount of barite required to raise the weight use the following formula:

$$\text{Barite kg/m}^3 = \frac{4200 (W_2 - W_1)}{4200 - W_2}$$

where W₁ = present mud weight in kg/m³

where W₂ = desired mud weight in kg/m³

Each 100 sacks of barite added will increase the volume of the system by one cubic metre.

HANDLING Barite can be mixed through the mud hopper as rapidly as needed. When large amounts are added to a mud system it may be necessary to add water to prevent mud dehydration.

WHMIS Not Controlled

TDG Not Regulated

PACKAGING 40 kg sack

NOTE: See disclaimer for supplier responsibility.