BARITE 4.2 (API)

P1501.9306

WBM/OBM Drilling

Product Description

BARITE (API) (Barium Sulphate) is utilized as a weighting agent in drilling fluids which meets API Specification 13A:2004 / ISO 13500:1998 Section 7.

Features and Benefits

BARITE (API) is chemically inert to all drilling fluid additives. BARITE (API) is ground to such a particle size that a minimum of 97% will pass through a 200 mesh screen and a maximum of 25% will be less than 6 microns at a specific gravity of 4.20.

International Shipping References

Transportation of BARITE (API) is not restricted by any regulatory agency.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Product Function

BARITE (API) is a cost effective means of increasing and/or maintaining drilling fluid density. BARITE (API) is used to weight up mud system up to 21.0 ppg (SG 2.52).

Recommended Treatment

MUD PER BBL Barite required =1470 (W2 –W1) lb/(35– W2) MUD PER M3 Material required =4200 (SG2 – SG1) kg/(4.2 – SG2) Where : W1 = Initial mud density (lb/gal) W2 = Desired mud density (lb/gal) SG1 = Initial mud specific gravity SG2 = Desired mud specific gravity

Standard Packing

BARITE (API) is packaged in 25 kgs multiwall paper sack, 1 or 1.5 MT big bag.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category: High Gravity Solids
- SG value: 4.2
- Specific Gravity: 4.2 min
- Max Temperature: 600
- Category: Weighting Agents
- Product Tier: Regular
- Appearance: Gray to tan coloured powder

+971 2 610 7000
info@ppc.ae | www.ppc.ae
Abu Dhabi | UAE

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