

AMC BARITE™

WEIGHTING MATERIALS



Description

AMC BARITE™ is a high quality barium sulphate (BaSO₄) micronized to meet API 13A specifications and is used to increase mud density in all types of drilling fluid systems, oil or water based.

Application

AMC BARITE™ is chemically inert to all drilling fluids additives and is used to increase the density of any drilling fluid system. AMC BARITE™ is added to a mud system to help control formation pressures, stabilise the borehole or used in kill fluids.

Typical Physical Properties

Appearance: Tan powder
 Specific gravity: 4.2

Recommended Treatment

AMC BARITE™ is added through a mud hopper or suitable shearing device. The amount of AMC BARITE™ required to increase the fluid density can be calculated using the following formulas:

$$\text{AMC BARITE, kg / m}^3 = \frac{4200 (w_2 - w_1)}{4.2 - w_2}$$

w1 = Initial mud weight in specific gravity

w2 = Desired mud weight in specific gravity

$$\text{AMC BARITE, lb / gal} = \frac{1470 (w_2 - w_1)}{35 - w_2}$$

w1 = Initial mud weight in lb / gal

w2 = Desired mud weight in lb / gal

Advantages

- Easy to use
- Low addition rate to achieve high densities
- Controls formation pressures
- Chemically inert.

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

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