



## Barite

Barite - barium sulphate  $\text{BaSO}_4$  - is one of the most commonly used weighting agents for drilling fluids. Barite ores with a high content of barium sulphate are ground to the required fineness according to OCMA or API standards. The main advantages of barite are: high density (above 4  $\text{kg/dm}^3$ ), chemical inertness to other mud components, low abrasiveness and harmlessness to the environment. Barite can be used in any geological conditions as it is resistant to all chemical contamination and high temperatures. Barite is also used for: soundproofing walls, friction linings, component of: paints, putties, rubbers, ceramics and many others.

## Properties

Density	4230 $\text{kg/m}^3$
Bulk density	1250 – 1500 $\text{kg/m}^3$
The content of particles smaller than 75 $\mu\text{m}$	min. 97 %
The content of particles smaller than 45 $\mu\text{m}$	min. 85 %
$\text{BaSO}_4$ content	min. 90 %
$\text{SiO}_2$ content	max. 6 %
D50	16 $\mu\text{m}$
Moisture content	max. 0.5 %

## Packaging

Barite is delivered in 1500 kg big bags, in 25 kg bags (1500 kg per pallet) or 50 kg bags (2000 kg per pallet).