



EXB-PLUG™

Bentonite Chips

Description

EXB-PLUG™ is screened natural sodium bentonite chip used primarily for plugging and abandonment operations, annular seals and backfill operations.

Applications /Functions

The use of EXB-PLUG Bentonite Chips assists or promotes the following:

- Grouting annulus in all types of wells, particularly environmental monitoring well applications
- Sealing above gravel packs
- Plugging decommissioned boreholes
- Stemming shotholes
- Sealing around conductor pipe
- Sealing severe lost circulation zones

Advantages

- Helps prevent entry of surface water into boreholes
- High swelling potential and low permeability
- In situ swelling to provide a superior seal with excellent casing stabilization
- Simple to apply, mixing not required
- Helps prevent vertical movement of fluids in the hole between porous zones

Typical Properties

- Appearance
 - Beige to tan chips
- Bulk Density
 - 1100 kg/m³

Treatment Considerations

- Adequate annular space, at least two inches on either side of the outside dimension of the casing, should be present to facilitate placement of EXB-PLUG Bentonite Chips into the desired area without bridging. The use of a tremie line may be necessary to ensure proper placement and is recommended for placement in deep hole applications.
- The grouting material and method selected will depend upon the specific subsurface environment including all prevailing geological and hydrological factors and any existing regulatory requirements.
- The use of bentonite may not be appropriate in environments where the formation water chemistry has a total hardness greater than 500 parts per million and/or a chloride content of greater than 1500 parts per million.
- If questions arise regarding subsurface environments it is always best to consult your local Baroid IDP representative to determine if the Baroid product of choice is appropriate for the given conditions.

Packaging

EXB-PLUG Bentonite Chips are packaged in 25 kg bags.

Availability

EXB-PLUG Bentonite Chips can be purchased through any Baroid Industrial Drilling Products Retailer. To locate the Baroid IDP retailer nearest you contact the Customer Service Department in Houston or your area IDP Sales Representative.

Baroid Industrial Drilling Products Product Service Line, Halliburton

3000 N. Sam Houston Pkwy E.
Houston, TX 77032

Customer Service

(800) 735-6075 Toll Free

(281) 871-4612

Technical Service

(877) 379-7412 Toll Free

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