Cementing

**Perlite**

**Cement Additive**

Perlite cement additive is a light, granular material made from crushed volcanic rock. Its primary use is to lower the density of cement slurries.

**Applications**

Perlite additive can be used at bottomhole temperatures (BHTs) between 40° and 400°F (4° and 204°C). Typical concentrations are 1 ft³ Perlite additive/1 ft³ cement or 2 ft³ Perlite additive/1 ft³ cement.

**Features**

Bentonite (Halliburton Gel) can be added to Perlite additive slurries to help prevent separation.

**Benefits**

Perlite additive can provide the following benefits:

- It exhibits excellent bridging properties that help control lost circulation.
- Its insulating properties make it useful in thermal cementing compositions.
- Slurries containing Perlite additive cost less per volume because this additive increases the per-sack yield of cement.

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**Perlite Cement Additive—Product Specifications**

<table>
<thead>
<tr>
<th>Part No. (50-lb bag)</th>
<th>Specific Gravity</th>
<th>Bulk Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>100064011</td>
<td>2.200</td>
<td>8.00 lb/ft³</td>
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<thead>
<tr>
<th>Form</th>
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<tbody>
<tr>
<td>Gray powder</td>
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</table>
For more information on the benefits Perlite Cement Additive can bring to your cementing operations, contact your local Halliburton representative.