MICROMAX™ weight additive consists of a hausmannite ore ground to an average particle size of 5 microns. This additive is primarily used to increase slurry density.

Applications

MICROMAX weight additive can be used at bottomhole circulating temperatures (BHCTs) between 80° and 500°F (27° to 260°C). Additive concentrations depend on the required slurry weight for individual wells.

Features

Because of the unusual fineness of MICROMAX weight additive, higher concentrations of retarders may be required to achieve the same thickening times provided by other types of weight additives. Slurries containing MICROMAX weight additive may also require the addition of dispersants.

Benefits

In addition to increasing slurry density, MICROMAX weight additive can help provide the following benefits:

- In deep, high-temperature, high-pressure wells, MICROMAX weight additive can help restrain formation pressures and improve mud displacement.
- Unlike most weighting materials, MICROMAX weight additive will remain in suspension when added directly to the mixing water.
- The Environmental Protection Agency (EPA) does not list MICROMAX weight additive as a hazardous waste.

### MICROMAX Weight Additive—Product Specifications

<table>
<thead>
<tr>
<th>Part No. (50-lb bag)</th>
<th>Specific Gravity</th>
<th>4.8 to 5.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. (1,500-lb bag)</td>
<td>Specific Gravity</td>
<td>516.00619</td>
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<tr>
<td>Form</td>
<td>Reddish-brown powder</td>
<td>84 lb/ft³</td>
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</tbody>
</table>