

**Technical Data Sheet  
Granular Bentonite**

8/26/09

## Volclay® C/S Granular

<b>Description</b>	Double screened granular sodium bentonite with an average particle size ranging between 30 and 50 mesh.
<b>Functional Use</b>	Casing Seal. Abandoned hole plug. Provides soil stabilization. Can be used in slurry or dry form.
<b>Purity</b>	Hydrous aluminum silicate comprised principally of the clay mineral montmorillonite. Contains small portions of feldspar, calcite, and quartz.
<b>Chemical Formula</b>	Dioctahedral smectite, an expanding layer silicate: (Na,Ca) <sub>0.33</sub> (Al <sub>1.67</sub> Mg <sub>0.33</sub> )Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> .nH <sub>2</sub> O
<b>Advantages</b>	<ul style="list-style-type: none"><li>• Provides a positive Casing Seal.</li><li>• Mixes easily.</li><li>• Dust free – less loss of product.</li><li>• Positive performance – does not shrink or degrade with time.</li></ul>
<b>Bulk Density</b>	Typically 60 lbs/ft <sup>3</sup>
<b>Moisture</b>	Maximum 12% as shipped.
<b>pH</b>	5% suspension 8.5 to 10.5.
<b>Dry Particle Size</b>	15% Min. 20 mesh 15% Max 100 mesh
<b>Wet Particle Size</b>	Minimum 94% passing 200 mesh (74 microns) Minimum 92% passing 325 mesh (44 microns)
<b>Packaging</b>	Bulk or palletized in carload and truck load quantities. 100 lb & 50 lb multiwall, water-resistant bags or 2,000 lb bulk bags.

**Disclaimer:** The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.