



## **SwellPlug™**

**Product Description:** Unaltered High Swelling Sodium Bentonite.  
**Product Application:** Casing Seal, Grounding Rods, Flowing Holes, Hole Abandonment, Seismic Shot Holes.

<u>Chemical Analysis</u>	<u>Typical</u>	<u>Sieve Analysis</u>	<u>Typical</u>
Silica as SiO <sub>2</sub>	54%	Dry Screen, (US Standard) Available in the following sizes: 1. Coarse <b>SwellPlug</b> 2. Mini <b>SwellPlug</b> 3. Micro <b>SwellPlug</b>	
Aluminum as Al <sub>2</sub> O <sub>3</sub>	19%		1/4" to 1"
Calcium as CaO	9%		1/8 to 1/4"
Iron as Fe <sub>2</sub> O <sub>3</sub>	7%		12x40
Sodium as Na <sub>2</sub> O	6%		
Magnesium as MgO	2%		
Potassium as K <sub>2</sub> O	2%		

<u>Other Properties:</u>	<u>Typical</u>	<u>Spec.</u>
Moisture Content	13%	15% max.
Free Swell Index	16 cc	14 cc min.
Water Absorption	400%	350% min.
PH. 6.4% Suspension	9.6%	9.8% max.
Bulk Density	63 lbs/ft <sup>3</sup>	
Color	Gray	

### **Pure Layer Permeability**

**Test Criteria:** 50 grams of 4-10 mesh Sodium Bentonite, pressurized at 100 p.s.i. for approximately 21 days.  
 Test Leachate - Distilled Water.

<u>Typical</u>	<u>Spec.</u>
1.0 x 10 <sup>-9</sup> cm/sec	1.0 x 10 <sup>-8</sup> cm/sec

**Testing:** Permeability testing available upon request.

**Sieve Sizes:** SwellPlug is available in a variety of sieve sizes from 7/8 inch to 1/30 inch.

**Packaging:** Available in bulk, Superbags or 50lb. plastic, or multi-walled paper bags.

Manufactured By:



P.O. Box 219 6005 N. 100 W. Redmond, Utah 84652  
 Phone (800) 367-7258 Fax (435) 529-7486

To the best of our knowledge and belief, the above information is accurate.