



BH NO. 4

Description *Unaltered Sodium Bentonite*

Application *For blanket seals of ponds, lagoons, and sanitary landfills.*

**Typical
Chemical Analysis**

<u>ELEMENT</u>	<u>%</u>	<u>ELEMENT</u>	<u>%</u>
SiO ₂	64.7	CaO	1.8
Al ₂ O ₃	17.6	K ₂ O	.46
Fe ₂ O ₃	4.4	Na ₂ O	2.5
MgO	1.8	TiO ₂	.16
		H ₂ O (Crystal)	5.9

Specifications

TYPICAL SCREEN ANALYSIS:

<u>Mesh (ASTM E 11)</u>	<u>% Retained</u>
4	5.7
6	19.8
8	15.5
10	13.0
20	17.0
30	6.0
Pan	23.0

Moisture	Average 12 - 15%
Viscosity Swell Fann @ 600 rpm	Average 18 - 22 cc
Colloid Content (2% Solution)	Average 60 - 65%
Bulk Density	70 - 72 lbs. per cubic foot
Specific gravity	2.0 - 2.25 gm/cc
pH	8.5 - 9.5