



Black Hills Bond

Description *Unaltered Wyoming Sodium Bentonite.*

Application *Sealing of fresh water ponds, lagoons, and landfills. (General use bentonite)*

**Typical
Chemical Analysis**

<u>ELEMENT</u>	<u>%</u>	<u>ELEMENT</u>	<u>%</u>
SiO ₂	64.7	CaO	1.3
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

<u>SPECS</u>	<u>TYPICAL ANALYSIS</u>
Standard Grind	75-80%(% minus U.S. 200 mesh)
Fine Grind (325 mesh)	95% Minimum (% minus U.S. 200 mesh)
Moisture	10.0% Maximum
pH	8.5 - 9.5
Viscosity Fann @ 600rpm	*Average 10-15
Volumetric Swell (2 grams Bentonite)	Average 18-22

**Note: Suspension, 22.5 grams bentonite mixed in 350ml of distilled water.*

The information contained herein is based on tests believed to be reliable, however no warranty is implied