

Description Polymer Extended Wyoming Bentonite

Application Recommended for oil well drilling, slurry trenching, pond sealing

and most other civil engineering applications.

Typical Yield Black Hills Gel will yield 91 barrels (minimum) of API fluid to one ton of

material

Typical Chemical Analysis

<u>ELEMENT</u>	<u>%</u>	<u>ELEMENT</u>	<u>%</u>
SiO ₂	64.7	CaO	1.3
$A1_2O_3$	17.6	K ₂ 0	.46
Fe ₂ O ₃	4.4	Na₂O	2.5
MgO	1.8	TiO ₂	.16
		H ₂ O (Crystal)	5.9

Specifications

<u>SPECS</u>	TYPICAL ANALYSIS	API SPECS
Fann @ 600 rpm	35 - 40	30.00
Fann @ 300 rpm	25 - 30	
Plastic Viscosity	10	
Yield Point/Plastic Viscosity Ratio	1.5 - 2.0	3 Maximum
Filtrate	13.5 ml.	15.0 Maximum
Dry Sieve Analysis	78% - 80% (-200 Mesh)	
Wet Sieve Analysis	2.5% - 3.0%	4.0 Maximum
Moisture	7.0% - 9.0%	10.0% Maximum
pH (6.0% solution)	8.5 - 9.5	

*NOTE: This product has been treated with a small amount (0.25%) of non toxic polyacrylate polymer to strengthen the viscosity of the bentonite. Please write or call if further information is needed on this.

Testing conforms to API specification 13A, Section 9.

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