Black Hills Gel

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

ELEMENT	%	ELEMENT	%
SiO_2	64.7	CaO	1.3
$A1_2O_3$	17.6	K_20	.46
Fe_2O_3	4.4	Na_2O	2.5
MgO	1.8	TiO_2	.16
		H_2O (Crystal)	5.9

Specifications

SPECS	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.