



T 800.992.2880  
 F 630.372.2600  
 W abiinc.us

# ABI High Yield

## ■ DESCRIPTION

ABI High Yield is a 200-mesh, high viscosity sodium bentonite with a 200 barrel yield.

## ■ USE

May be used in freshwater drilling, horizontal directional drilling, and industrial applications

## ■ APPLICATION

Mixing ratios are based on 200 bbl. Yield material using fresh water. Level of water purity will affect bentonite performance. Prior to mixing, acidic and hard water should be treated with soda ash to a pH of 8.5 to 9.0.

### Mixing Ratio (lbs. / 100 gal. of water):

Normal conditions: 15 to 25 lbs.  
 Sand and gravel: 25 to 35 lbs.  
 Fluid loss control: 35 to 40 lbs.

For best results, add ABI High Yield slowly through a jet/hopper mixer.

## ■ TYPICAL ANALYSIS

SiO <sub>2</sub>	61.3%	Na <sub>2</sub> O	2.2%
Al <sub>2</sub> O <sub>3</sub>	19.8%	TiO <sub>2</sub>	0.1%
Fe <sub>2</sub> O <sub>3</sub>	03.9%	Trace Elements	3.2%
MgO	01.3%	H <sub>2</sub> O (Crystal)	6.5%
CaO	00.6%	K <sub>2</sub> O	00.4%
pH	8.9 – 10.5		

## ■ CHARACTERISTICS

- Highly concentrated for maximum yield
- Fast and easy mixing
- Reduces solids and increases lifting power
- Removes cuttings
- Cools and lubricates bit
  - Stabilizes boreholes
  - Helps prevent loss of circulation



The information and data contained herein are believed to be true and accurate. ABI, Inc. makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information.