



# LONE STAR GTC, LLC

17595 Blanco Rd. Ste 200  
San Antonio, TX 78232

## Standard Bentonite P

### SPECS DATA SHEET

STANDAR BENTONITE

Typical Chemical Analysis

		%	
SiO <sub>2</sub>	58.0	-	64.0
Al <sub>2</sub> O <sub>3</sub>	18.0	-	21.0
Fe <sub>2</sub> O <sub>3</sub>	2.5	-	2.8
MgO	2.5	-	3.2
CaO	0.1	-	1.0
Na <sub>2</sub> O	1.5	-	2.7
K <sub>2</sub> O	0.2	-	0.4

Technical Specifications

Color		Variable	
Aparent Viscosity*	15	cps	min
Filtrate**	16.0	mls	max
Moisture (2 hrs at 105° C)***	12.0	%	max
Particle Sizing (200 Mesh)	85	%	min

\*Aparent Viscosity=  $\sqrt{600/2}$

\*\* This specification is not required for construction purposes

\*\*\* 14% is the maximum tolerance allowed under harsh climate conditions

Application

coloidal sodium bentonite, pulverized on 200 mesh, to be used on drilling fluids, foundations, building pits and other civil engineering applications.

Terrain conditions: Kilos / m3

- Normal mud conditions. 30 – 60
- Gravel or sandy terrain. 60 – 80
- For loss of drilling fluids through gravel, rock or cracks. 80 – 90

Presentation

3 layer paper bags , printed, 50 kilos capacity.

**Important Note:** The company is not responsible for any use given to this bentonite, other than the normal industrial processes.  
The typical chemical analysis should not be considered as rigid specifications

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Packed presentation:

- a) 1 Short Ton Super sack.
- b) 3 layers Paper bags of 50lbs or 100lbs. (3,500 lbs per Pallet covered with plastic bag )

## LABORATORY ANALYSIS



*Lone Star GTC, LLC*

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