

## BENTONEX WS

### Technical Data

This document was revised on 8<sup>th</sup> January 2018 and supersedes all earlier versions.

#### Product Description

Bentonex WS is a high quality natural sodium bentonite from the Rio Negro province of Argentina. It is milled and air classified to give a consistent fine powder.

#### Typical Chemical Analysis

SiO <sub>2</sub>	60.61%	CaO	2.07%	Pb	11.2 ppm
Al <sub>2</sub> O <sub>3</sub>	18.42%	K <sub>2</sub> O	<0.45%	As	2.2 ppm
Fe <sub>2</sub> O <sub>3</sub>	4.79%	Mn <sub>2</sub> O <sub>3</sub>	<0.06%	Cd	0.41 ppm
Na <sub>2</sub> O	3.2%	TiO <sub>2</sub>	0.47%	Hg	< 0.1 ppm
MgO	2.78%	LOI	6.43%		

#### Typical Mineralogy

Montmorillonite	88%	Feldspars	5%
Gypsum	5%	Quartz	<2%

#### Other Typical Properties

Bulk Density	800 – 900 Kg/m <sup>3</sup>
Cation Exchange Capacity	77 meq/100g
Swelling Volume	>29 cm <sup>3</sup> /2g
Moisture	<14% by weight

#### Sieve Analysis

Retained on a 75µm sieve <15%

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