



TECHNICAL INFORMATION

WYOMING SODIUM BENTONITE

Product

Wyoming Sodium Bentonite

Description

A natural sodium bentonite, milled and air classified to give a consistent fine powder.

Characteristics

A high swelling, natural sodium bentonite; disperses under shear to form thixotropic suspensions. It has high thermal and durability properties.

Typical Chemical Analysis

SiO ₂	61.21%	Mn	O ₃	<0.05%
Al ₂ O ₃	19.77%	V	O ₅	<0.05%
Fe ₂ O ₃	4.24%	Cr	O ₃	<0.05%
MgO	2.37%	BaO		<0.05%
Na ₂ O	2.24%	ZrO	2	<0.05%
CaO	1.50%	ZnO		<0.05%
K ₂ O	0.59%	SrO		<0.05%
TiO ₂	0.15%	P	O ₅	0.06%

Typical Properties

Cation Exchange Capacity	75 meq/100g
Swelling Volume	32 ml/2g

Specified Properties

Moisture	14% maximum
Retained on 75 µm sieve	15% maximum

Shop Holistic

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