



Product Data Sheet

BARA-KADE® 1002

Application

Multi-purpose

Description

BARA-KADE® 1002 is a natural sodium bentonite from Wyoming (U.S.A.), which has been specially selected for environmental uses such as soil sealing, nuclear repositories and water treatment.

Properties

BARA-KADE® 1002 has the following properties;

Sealing

The large water absorption capacity makes a very high-quality bentonite seal possible.

Multi-purpose product

Due to the characteristics of **BARA-KADE® 1002**, this product is widely used in different industries.

BARA-KADE® 1002 has the following typical values;

Typical values BARA-KADE® 1002		
Parameter	Test method	Typical value
Moisture content	DIN 18121-1	12%
Methylene blue value	Test B CUR 33	320 mg MB/gr.
Smectite content	XRD	89% by weight
Enslin value after 24 hours	DIN 18132	850%
Filtrate water loss	ASTM D5891	13.5 ml
Swell index	ASTM D5890	30
Grain size		0,5% ≥ 1,0 mm 0,5% ≤ 0,212 mm
Specific density		2300 kg / m ³ +/- 10%
Bulk density		900 kg / m ³ +/- 10%

BARA-KADE® 1002 elemental analysis;

Elemental Analysis			
SiO₂	63.23%	K₂O	0.62%
Al₂O₃	19.68%	SO₃	0.50%
Fe₂O₃	4.04%	TiO₂	0.15%
MgO	2.40%	P₂O₅	0.05%
Na₂O	2.08%	Mn₃O₄	0.03%
CaO	1.20%		



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BARA-KADE 1002[®] has the following chemical and physical properties;

Chemical and physical properties BARA-KADE [®] 1002	
Composition	High quality natural sodium bentonite
Colour	Light grey
Form	Granular

Packaging

BARA-KADE[®] 1002 is available in the following packaging;

- 1000 kg packed in 25 kg bags on a pallet with shrink film
- 1.000 kg big bag
- 1.500 kg big bag
- bulk

Revision date : 24.08.2015
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In so far as we can ascertain the above-stated information is correct. However, we are unable to provide any guarantees with regard to the results that you will achieve with this. This specification is provided on the condition that you determine yourself to what degree it is suitable for your purposes.



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