



BARA-KADE® 200 mesh

Industrial Applications & Civil Engineering

Description & Properties

BARA-KADE® 200 mesh is an **untreated high purity Wyoming sodium Bentonite**. BARA-KADE® 200 mesh is primarily used as a **binder and rheological modifier** and has been specially selected for environmental applications such as **soil sealing**. BARA-KADE® 200 mesh is a **molding sand binder for foundries** operating at high casting temperature. BARA-KADE® 200 mesh assures consistency, high performance, and improved durability under high temperature conditions. BARA-KADE® 200 mesh can be used as a binder for briquetting, pelletizing, and sludge processing for **metallurgical applications**.

Typical properties

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Requirement</u>	<u>Typical property</u>
Moisture content	DIN 18121-1	Max. 13%	9%
Grain size	Retained on 200 mesh sieve	Max 25%	14%
Grain size	Retained on 63 µm dry sieve	15% - 30%	19%
Specific density			≈ 2300 kg/m³
Bulk density			≈ 900 kg/m³
Smectite content	XRD	Min. 70%	75%
Methylene Blue	VDG P 69	Min. 300 mg/g	325 mg/g
Enslin value after 24 hours	DIN 18132	Min. 700%	770%
Swell Index	ASTM D5890	Min. 24 ml/2g	29 ml
Fluid Loss, 24 hrs.	ASTM D5891	Max. 18 ml	14 ml

BARA-KADE® 200 mesh is available in 25 kg bags, big bags and as bulk.

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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