



## Cebogel QSE-5

Industrial Drilling

### Description & Properties

Cebogel QSE-5 is composed of granulated Bentonite, made of **100% sodium activated Bentonite**. A characteristic for Cebogel QSE-5 is its considerable water absorption capacity, which allows it to swell up considerably when in contact with water. Cebogel QSE-5 is **KIWA certified** in the field of toxicological aspects and complies with the requirements of the **KIWA guideline BRL-K265**. Cebogel QSE-5 is suitable for use within the **BRL SIKB 2000** requirements. Cebogel QSE-5 is delivered with the **KIWA Water Mark** certificate.

### Typical properties

<u>Parameter</u>	<u>Test method / In accordance with</u>	<u>Requirement</u>	<u>Typical property</u>
Smectite content	XRD		80%
Moisture content	DIN 18121-1		16%
Specific density			≈ 2600 kg/m <sup>3</sup>
Bulk density			≈ 1100 kg/m <sup>3</sup>
Water absorption capacity after 24 hours	ASTM E946-92	≥ 600% (BRL-K265)	700%
Permeability (k-factor)	CUR, via Tri-axial cell		1 x 10 <sup>-12</sup> (m/s)
Density saturated with water			1.55 t/m <sup>3</sup>
Swell capacity			120%
Colour			Yellowish
Form			Granules
Dimensions			Length 6 - 15 mm



### Recommended use

Careful and even dosing are required for an optimal result. Bridge formation can occur in the event of dosing too rapidly.

Cebogel QSE-5 is available in 24 kg bags.

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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### Contact us for more information

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