



Product Data Sheet

CEBOGEL[®] CE

Construction

CEBOGEL[®] CE is a high quality sodium-activated Bentonite, characterized by its high water absorption capacity. CEBOGEL CE is a multi-purpose product and works effectively in several Civil Technical applications including diaphragm & slurry walling. The stability of CEBOGEL CE allows for controlled contamination with cement containing products. CEBOGEL CE is very effective in landfill sealing technologies. CEBOGEL CE complies with CUR 33 recommendations that set requirements for Bentonite enhanced soils.

Advantages/Functions

- High water absorption capacity & low permeability.
- Can be used effectively in several Civil Engineering, Landfill and Sealing applications.

Typical Properties

Parameter	Test method / In accordance with	Required
Moisture content	DIN 18121-1	≤ 13%
Grain size	Passing 125 µm dry sieve	≥ 95% < 125 µ
Specific density	-	≈ 2300 kg/m ³
Bulk density	-	≈ 900 kg/m ³
Montmorillonite content	XRD	≥ 70%
Methylene blue	VDG	≥ 300 mg/g
Plate water absorption	ASTM E946-92	≥ 650%
Swell Index	ASTM D5890	≥ 24 ml/2 g
Marsh funnel viscosity (4%)	Marsh Funnel	≥ 29 sec.
7,5 min Fluid Loss, 24 hrs. (4%)	API Filter Press	≤ 15 ml

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.

Certification & Accreditation

- **CEBOGEL CE is delivered with the KIWA Watermark certificate.**
- **CEBOGEL CE complies with CUR 33 recommendations that set requirements for Bentonite-enhanced soils.**



Recommended Use

Add slowly and uniformly through a Venturi-Hopper into a high shear mixing system. Circulate the slurry until the Bentonite is fully dispersed and hydrated.

CEBOGEL CE is available in 25 kg bags, 1000 kg Big Bags and as bulk.

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