

Product Data Sheet

CEBOGEL®

OCMA



CEBOGEL® OCMA is a sodium-activated Bentonite, defined as our most concentrated Bentonite drilling product (up to 8%). Under pumping conditions, CEBOGEL OCMA is subject to shear thinning and becomes easily flowable; when motionless, the fluid thickens into a gel-like structure, allowing for effective suspension and carrying of large cuttings. CEBOGEL OCMA is a versatile drilling Bentonite, ideal for large-diameter HDD operations due to its high gel strength and stable viscosity. CEBOGEL OCMA can be recycled and reused efficiently.

Advantages

- High gel strength and stable viscosity ensure effective suspension and transport of large drill cuttings
- Shear-thinning behavior enables excellent pumpability while allowing efficient recycling and reuse

Typical Properties

Parameter	Test method / In accordance with	Required
Moisture content	% on wet / Halogen 150°C constant weight	≤ 13%
Grain size	Passing 125 µm dry sieve	≥ 95% < 125 µ
Specific density	-	≈ 2300 kg/m ³
Bulk density	-	≈ 900 kg/m ³
600 Reading* (7%)	Fann 35A Viscometer	45 – 55
Yield Point* (7%)	Fann 35A Viscometer	22 – 32
30 min Fluid Loss* (7%)	API Filter Press	≤ 17 ml

*Sample preparation 24.5 ± 0.01 g of CEBOGEL® OCMA are added to 350 ± 5 ml deionized water with temperature between 18°C and 22°C while stirring on a Fann® Multi-Mixer. Measurements are taken directly after sample preparation.

Certification & Accreditation

- Complies with OCMA specifications as laid down for API Specification 13A.
- CEBOGEL OCMA is LAGA certified in Germany by Horn & Co. Analytics, proving its environmental harmlessness.
- Cebo OCMA Offshore is CEFAS registered.

Recommended Use

The properties of CEBOGEL CE Max are optimized when the make-up water has a conductivity of <1000 µS/cm, a pH between 8,5 – 9,5 and total hardness of <100 ppm. Add slowly and uniformly through a Venturi-Hopper into a high shear mixing system. Circulate the slurry until the Bentonite is fully dispersed.

*As far as we can judge, the above information is correct. However, we cannot give you any guarantees about the results you will achieve with this. This description is offered to you on the condition that you decide for yourself to what extent it is suitable for your purposes.

Recommended Mixing Ratios

- Consolidated formations 6 – 7%
- Unconsolidated formations 6,5 – 7,5%

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

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