



Product Data Sheet

CEBOGEL[®] OCMA

Construction

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.

Typical Properties

Parameter	Test method / In accordance with	Required
Moisture content	% on wet / Halogen 150°C	≤ 15%
Grain size	Passing 125 μm dry sieve	≥ 95% < 125 μm
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

NOTE: 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.

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

- 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.

Mixing & Application

The properties of CEBOGEL OCMA are optimized when the make-up water has a conductivity of <1000 $\mu\text{S}/\text{cm}$, a pH between 7.5 - 10 and total hardness of < 100 ppm. Add CEBOGEL OCMA slowly and uniformly through a Venturi-Hopper into a high shear mixing system. Circulate the slurry until the Bentonite is fully dispersed.

Recommended Use

Consolidated formations: 60 – 70 kg/m^3

Unconsolidated formations: 65 – 75 kg/m^3

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

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