

Product Data Sheet

CEBOGEL®

GCL



CEBOGEL® GCL is a tailor-made sodium-activated Bentonite. CEBOGEL GCL has a high water absorption capacity, is capable of binding water and creates a very low permeability.

Advantages

- High water absorption and swelling capacity for reliable sealing performance
- Creates exceptionally low permeability, ideal for effective barrier and containment systems

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
	Retained 63 µm dry sieve	15%-45% > 63 µ
Specific density	-	≈ 2300 kg/m ³
Bulk density	-	≈ 900 kg/m ³
Methylene blue	V DG	≥ 300% mg/g
Enslin value after 24 hours	DIN 18132*	≥ 500%
Swell Index	ASTM D5890	≥ 24 ml /2 g
API Fluid Loss	API Filter Press	≤ 18 ml
Carbonate/Lime Content	DIN 18129	≥ 5%

Enslin Neff (DIN 18132): The test protocol follows the official standard, but slight variations may occur due to practical testing conditions*

CEBOGEL® GCL is available as bulk.

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