



Product Data Sheet

Cebo Conduct-Gel 1.3

Construction

Cebo Conduct-Gel 1.3 is composed of a specially selected Bentonite/graphite mixture and is a unique, all-in-one solution for promoting efficient heat transfer from power cables to the surrounding soil. Cebo Conduct-Gel 1.3 is a non-hardening suspension and therefore easy to remove after a certain period of time, if required. The product is cement-free and provides high flowability over long distances.

Advantages

- Non hardening suspension – easily removed, if required
- High flowability
- High thermal conductivity

Typical Properties

Parameter	Test method / In accordance with	Required
Specific Gravity	ASTM E946-92	≈ 2300 kg/m ³
Bulk Density	DIN 18132	≈ 900 kg/m ³
Suspension Density	ASTM D5890	≈ 1520 kg/m ³
Thermal Conductivity	ASTM D5334-14 / IEEE 442-1981	1.25 W/m.K
Thermal Resistivity	ASTM D5334-14 / IEEE 442-1981	0.8 m.K/W

Mixing & Application

For mixing the suspension, a low shear mixing system should be used.
Formulation/m³: 844 kg Cebo Conduct-Gel 1.3 and 675 litres water.

Cebo Conduct-Gel 1.3 is available in 1000 kg Big Bags and bulk.

Version; 03-2021

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.