

Description

DantoCrude H is a pure raw bentonite in its natural state.

The product consists exclusively of high qualitative Danish bentonite and is certified according to the strictest European environmental certification as an environmentally friendly product. This natural material is characterized by its rare ability to create a very robust and lasting membrane.

A membrane which remains mechanically flexible, thereby creating a lasting bond to the surroundings. The material is typically chosen for environmentally sensible applications where it is of significant interest that water or liquefied pollution is prevented from permeating into the ground.

The material is highly resistant to a variety of chemicals and fossil fuels.

Usage

The product is characterized by its unique ability to form a permanent, robust, and low-permeability barrier.

Typical applications:

- Construction of larger landfills.
- Construction of water ponds and drainage reservoirs in many different sizes.
- Ensure contaminated areas, protect groundwater and also seal / drainage of rainwater (stormwater).

Specifications

Typical product values

Description	
Density, loose material as delivered (T/m ³)	1,0
Water content, as delivered (%)	32 - 38
Density compressed (kg/liter)	1,7 - 1,8
Hydraulic conductivity (m/s)	E10 ⁻¹²

Chemical specifications

The analyzes were performed by BGS (British Geological Survey), which is an accredited test laboratory (UKAS No. 1816). LOI, determined on 1 g of sample material, which is heated to 1050 ° C for 1 hour. The XRFs assay is prepared at, 0.9 g of dried sample material is dissolved in 9 g of Flux (66% Li₂B₄O₇ and 34% LiBO₂) at 1200°C.

The analysis itself is performed on a fully automatic Philips PW2440 MagiX PRO (wavelength-dispersive spectrometer).

Chemical composition; w/w% oxides of the raw material. British Geological Survey (BGS) - X-RAY fluorescence spectrometry XRFs Analysis.

SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	Mn ₃ O ₄	MgO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅
59,64	0,87	16,13	9,06	0,15	3,14	1,04	1,17	2,78	0,14

SO ₃	Cr ₂ O ₃	SrO	ZrO ₂	BaO	NiO	CuO	ZnO	PbO	LOI
0,3	0,02	0,04	<0,02	0,06	0,01	<0,01	0,02	<0,01	6,07

You are most welcome to contact us directly for a further elaboration of application.

We can help advise you regarding technical construction as well as practical working methods.

Packaging

Bulk



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