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PRODUCT DECLARATION



№ of declaration: **0015 - 11**

CRYOGENIC PERLIT

sheet
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1.0. Product identification

Manufacturing company	Termika doo , Požeška 4, 23000 Zrenjanin, Serbia
Product type	100% expanded perlite
Product	Factory prepared building material
Product code	6801021
Name of product	CRYOGENIC PERLIT
Organoleptic	White powder, odorless, tasteless

2.0. Product Features

2.1. Chemical composition

SiO ₂	68 - 75 %
Al ₂ O ₃	10 - 12 %
Fe ₂ O ₃	1 - 2,5 %
CaO	1,5 - 2 %
MgO	0,2 - 1,5 %
Na ₂ O	2,8 - 4,5 %
K ₂ O	3,2 - 4,5 %

2.2. Physico-chemical characteristics

No flammable material (melting at temperatures over 1230°C) with strong thermal insulating properties. Ecological does not pollute the environment (improving soil characteristics, dirt collects in the water).

Parameters	Methods	Units	Average value	STD
Bulk density	Internal methods TR-UP-00-021	kg/m ³	39,0	4,7

Parameters	Methods	Sieves diameter [mm]	Average value	STD
Granulometric content	Internal methods TR-UP-00-023	+ 1,180	9,9	6,0
		- 1,180 + 0,150	79,9	7,0
		- 0,150	10,2	5,4

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3.0. Application

It is used for insulating facilities and process equipment at very low temperature, is applied in bulk density at atmospheric pressure or vacuum. For example, tanks and equipment with technical gases (hydrogen, helium, nitrogen, oxygen and LPG).

4.0. Packaging

PVC bag volume 67L.

5.0. Terms of storage and transport

Transported in a closed transportations means. The product can be delivered in bulk quantities on request. Store in a covered dry places and should be protected from the influence of moisture.

6.0. Expire date

Embedding instantly, storage time reduced to a minimum.

7.0. Advice for safe use

The product is not harmful to health. It is advisable to use protective glasses when handling product. In the event that the product gets into the eye, eye cannot by rubbed wash it off with water in case of increasing irritability seek medical treatment.

NOTE

Average values and the standard deviations are result of several years of product laboratory measurements, obtained from the raw materials of different origin and the they are for your information only. Manufacturer retains the right to change the declaration without prior notification.

Date of specification: 10.05.2023.	Made by: 
	Approved by:

