

 <p>Tel: +381 23 543 020 Web: <a href="http://www.termika.rs">www.termika.rs</a> e-mail: <a href="mailto:termika@termika.rs">termika@termika.rs</a></p>	<h1>PRODUCT DECLARATION</h1>	 <b>ISO 9001:2015</b> Cert No: GKSР-0294-QC	<b>KOSHER CERTIFICATE</b>
No of declaration: <b>0005 - 11</b>	<b>PERFIT PF-245</b>		sheet 1 of 2

## 1.0. Product identification

<b>Manufacturing company</b>	Termika doo , Požeška 4, 23000 Zrenjanin, Serbia
<b>Product type</b>	100% grinded expanded perlite
<b>Product</b>	Factory prepared filter aid material
<b>Product code</b>	6801030
<b>Name of product</b>	PERFIT PF-245
<b>Organoleptic</b>	White powder, odorless, tasteless

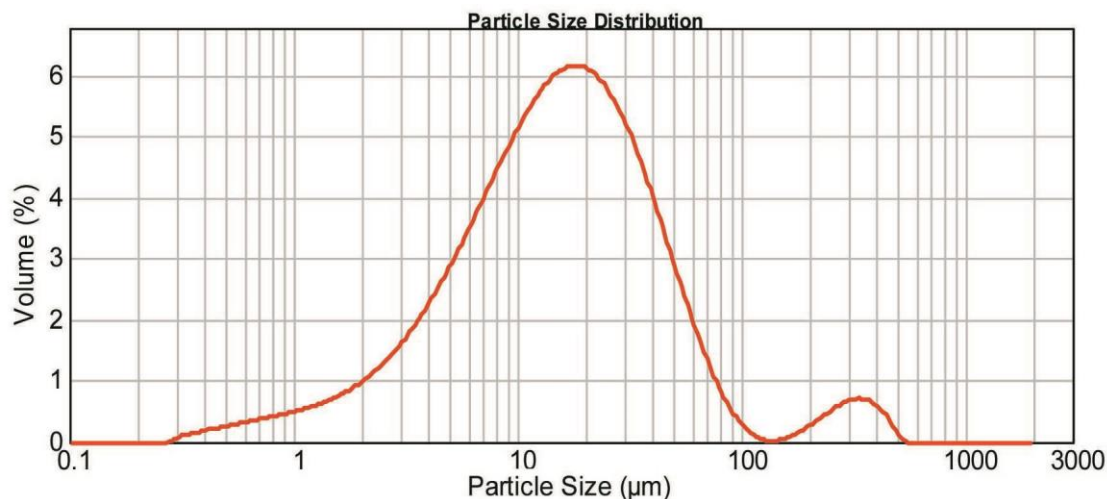
## 2.0. Product Features

### 2.1. Chemical composition

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

### 2.2. Physico-chemical characteristics

Parameters	Methods	Units	Average value	STD
Moisture content	Interna metoda TR-UP-01-025	%w/w	< 0,5	-
pH value	Internal methods TR-UP-00-020	-	8,2	0,3
Bulk density	Internal methods TR-UP-00-021	kg/m <sup>3</sup>	105	11,2
Filtration layer height	Internal methods TR-UP-00-011	mm	7	1,0
Time of filtration for 100 mL	Internal methods TR-UP-00-011	sec	70	17,8
Permeability (Darcy)	Internal methods TR-UP-00-024	Darcie's	0,5	0,1



Parameter	Specific Aerea	d0.1 - 10% particle size passing trough sieve:	d0.5 - 50 particle size passing trough sieve:	d0.9 - 90% particle size passing trough sieve:
Value	0,90 m <sup>2</sup> /g	3 µm	15 µm	47 µm

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### 3.0. Health validity of products

Product conforms with Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC.

### 4.0. Application

It is used as filter aids material in the filtration process in:

- food industry for medium-fine filtration of edible oils, wine, beer, fruit juice, starch and sugar syrup, sugar, vegetable and animal fats, citric acid, vinegar, gelatin....
- chemical industry (filtration of paints and varnishes, liquid glass, various chemicals...)
- in the pharmaceutical industry (production of drugs, antibiotics and the physiological solution)
- filtration of water (water for swimming pools, bottled water, rainwater, ...)

### 5.0. Packaging

Dual layer perforated Kraft paperbags with valve.  
Typical weight of bags 13 kg.

### 6.0. Terms of storage and transport

Transported in a closed transportations means. The product is delivered twice stretch with plastic foil on wooden pallets. 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.

### 7.0. Expire date

Unlimited duration with above mentioned storage conditions.

### 8.0. 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 be 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.

<b>Date of specification:</b>	<b>Made by:</b>
17.12.2018.	
	<b>Approved by:</b>