

Wood Pellets 6 mm



Our company offers products of its own production: wood pellets (fuel pellets) 6 mm, made of pine and beech. Our factory is located in the highland region of Georgia (Svaneti). Manufactured on European equipment. The possibility of supply per month is up to 500 tons.



Pellets are solid wood biofuel intended for combustion in modern boilers, fireplaces and burners to obtain thermal energy for heating needs.

Composition of raw materials: We make pellets from pine and beech logs. This allows us to guarantee the Buyer consistent product quality. These pellets comply with DIN Plus and ENplus - A1.



PRODUCT CHARACTERISTICS:

- ❖ High-calorie fuel – about 5 kWh from 1 kg of pellets.
- ❖ Small amount of ash remaining after burning pellets (0.7%-0,8%)
- ❖ Ease of storage (1 ton of pellets, packed in bags of 15 kg occupies 2 m³, and in bulk they occupy 1.7 m³)
- ❖ Ecological fuel, does not contain harmful substances
- ❖ Does not emit harmful or unpleasant odors for humans
- ❖ Cleanliness during operation – does not pollute premises like other solid fuel, such as coal, wood, coke, coal dust.
- ❖ No additives or binders in production. Lignin acts as a binder - natural wood glue exposure to high temperature.



Analysis Report

Product: wood pellet
Received on: 06.12.2023
Tested on: 07.12.2023 – 12.12.2023

Test results of the analyzed samples are presented in the following table according to the laboratory's test reports No 23-976

Parameter	Sample Lab. ID 23-976	Standard
Moisture content, %	7.6	EVS-EN ISO 18134-2:2017
Ash content (in dry matter) 550°C, %	0.9	EVS-EN ISO 18122:2015
Ash content (in dry matter) 815°C, %	0.8	EVS-EN ISO 18122:2015
Mechanical durability, %	98.8	EVS-EN ISO 17831-1:2015
Gross calorific value in dry matter, MJ/kg	20.25	EVS-EN ISO 18125:2017
Net calorific value in dry matter, MJ/kg	18.91	EVS-EN ISO 18125:2017
Net calorific value as received, MJ/kg	17.29	EVS-EN ISO 18125:2017
Pellet diameter, mm *	6.0	EVS-EN ISO 17829:2015
Pellet length, mm *	16.0	EVS-EN ISO 17829:2015
Elemental analysis, %		
C	51.44	EVS-EN ISO 16948:2015
H	6.15	
N	0.12	
S	<0.1	EVS 664:2017/AC:2019
Volatile matter, %	82.1	EVS-EN ISO 18123:2015
Bulk Density, kg/m ³ *	608.8	EVS-EN ISO 17828:2015

Remarks:

- * The method is outside the scope of laboratory accreditation
- Results are valid only for sample you brought us on 06.12.2023
- Test report cannot be partly reproduced without laboratory's permission.

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Options:



- ❖ Diameter 6 mm
 - ❖ Moisture < 10%
 - ❖ Ash < 0,9%
 - ❖ Sulfur < 0.04%
 - ❖ Chlorine ≤ 0,02%
 - ❖ Nitrogen ≤ 0,3%
 - ❖ Mechanical Durability > 98.0%
 - ❖ Net Calorific Value > 4.7 kWh/kg
 - ❖ Fines fraction below 3,15mm max 2%
- All other values comply to ENplus A1 quality class pellet parameters as per the standard ST 1001:2022

Packaging of our products:

Bags of 15 kg.

- One ton - 67 bags.
- Bags can be packed at wooden pallets 1200 * 1000 mm



Packaging of our products:



- **PACKING IN
POLYPROPYLENE
BIG BAGS 1000-1100
kg**

