

Product data sheet

Pellet 6 mm



Imagination at work

WOODEN PELLETS

DIMENSIONS:

Pellet	Ø 6 mm	length up to 40 mm
Deviation	Ø ±1 mm	maximum 1% of mouldings > 45 mm

Tested feature	Testing method	unit	Requirements of the standard EN Plus A1	Result for Wooden Pellets*
Diameter	Measured with a vernier calliper	mm	6.0	6.0
Length	Measured with a vernier calliper	mm	Up to 40 (maximum 1% of mouldings > 45 mm)	Upto 40 (maximum 1% of mouldings > 45 mm)
Amount of total humidity	EN ISO 18134	%	≤ 10	4.66
Ash content (at 550 °C)	EN ISO 18122	%	≤ 0.7	0.33
Ash melting point	CEN/TS 15370	°C	≥ 1200	1500
Calorific value	EN ISO 18125	MJ/kg	≥ 16.5	18.57
Volume density	EN ISO 17828	kg/m ³	600 ≤ GO ≤ 750	660
Fine particle content (dust in a bag)	CEN/TS 15149-2	%	≤0.5	0.25
Abrasion	EN ISO 17831	%	≥ 98	98.8

* Results for Pellet 6 mm at the time of departure from the production plant

CERTIFICATES:



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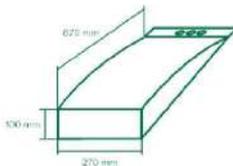
SAPRONEN OU WOODEN PELLETS

PELLET LOGISTICS DATA Ø 6 mm

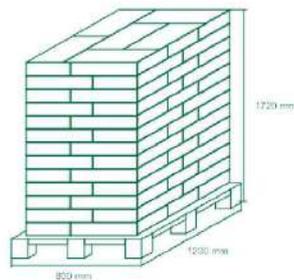
Unit weight of a bag [kg]	Ergonomic handle for carrying	Pallet type	Height of a bag	Number of bags in one layer [pc.]	Number of layers [pc.]	Number of bags on a pallet [pc.]	Sale units - Pellet on a pallet with goods [cm]	Sale units - Pellet on a pallet with goods [kg]	Type of protection of a pallet
10.00	Yes	1.2 x 0.8	10	6	16	96	172	960	Protective covering
15.00	No	1.2 x 0.9	11	6	11	66	147	990	Protective covering

UNIT PACKAGING 10 KG OF PELLET Ø6 mm

Unit packaging

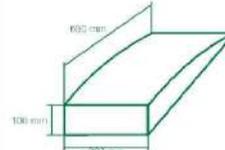


Collective packaging:
96 packets

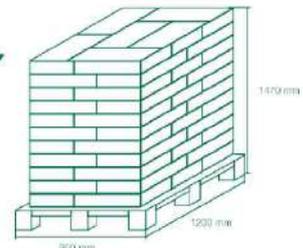


UNIT PACKAGING 15 KG OF PELLET Ø6 mm

Unit packaging



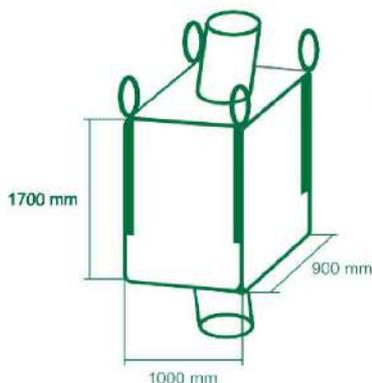
Collective packaging:
66 packets



The product is placed on pallets of the following dimensions: 1.2 m x 0.8 m (10 kg bags) and 1.2 m x 0.9 m (15 kg bags), on the outside it is protected with a protective covering which additionally protects against adverse weather conditions.

BIG BAG PACKAGING

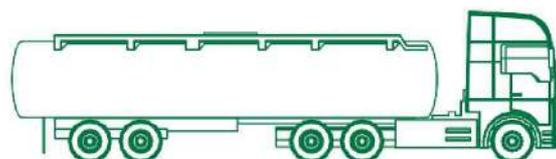
Big bag packaging - 1021 kg



Pellet 6 mm in a big bag at the request of the buyer may be packed on a pallet 1000 mm x 900 mm

TRANSPORT IN BULK

Transport of pellet in bulk up to 27 tonnes



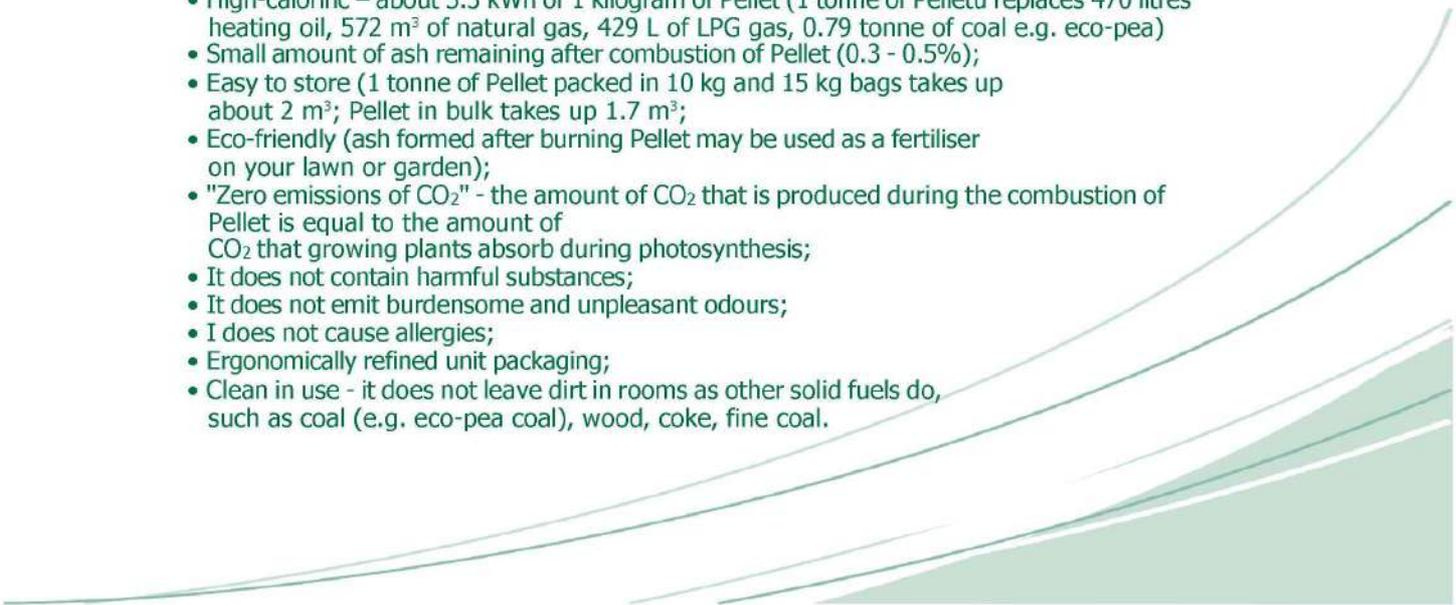
INTENDED USE:

Pellet is wooden, solid biofuel intended for combustion in modern boilers, fireplaces and burners in order to generate heat energy for heating purposes (heating of single family houses, housing cooperatives, hotel and holiday centres, public utility centres, warehouses, industrial halls, religious buildings, sports halls and other facilities, larger or smaller, which require heat energy). Pellet may also be burned in oil boilers (replacing the oil burner with Pellet burner).

COMPOSITION:

Granules pressed in high temperature and pressure, made of dry, milled and clean wood shavings. Pellet 6 mm in diameter consists of 100% shavings from softwood. The content of Pellet may change due to processed wood materials.

PRODUCT CHARACTERISTICS:

- High-calorific – about 5.3 kWh of 1 kilogram of Pellet (1 tonne of Pelletu replaces 470 litres heating oil, 572 m³ of natural gas, 429 L of LPG gas, 0.79 tonne of coal e.g. eco-pea)
 - Small amount of ash remaining after combustion of Pellet (0.3 - 0.5%);
 - Easy to store (1 tonne of Pellet packed in 10 kg and 15 kg bags takes up about 2 m³; Pellet in bulk takes up 1.7 m³;
 - Eco-friendly (ash formed after burning Pellet may be used as a fertiliser on your lawn or garden);
 - "Zero emissions of CO₂" - the amount of CO₂ that is produced during the combustion of Pellet is equal to the amount of CO₂ that growing plants absorb during photosynthesis;
 - It does not contain harmful substances;
 - It does not emit burdensome and unpleasant odours;
 - It does not cause allergies;
 - Ergonomically refined unit packaging;
 - Clean in use - it does not leave dirt in rooms as other solid fuels do, such as coal (e.g. eco-pea coal), wood, coke, fine coal.
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TRANSPORT:

Pellet may be transported with covered means of road transport.

The load should be placed and secured according to the transportation provisions regarding road transport.

Less than truck load transport possible starting from 1 pallet. Full track load transport with curtain trailer, u-shaped trailer, tank trailer - from 24 to 27 tonnes.

WARNING: While unloading Pellet from a tank trailer, the recommendations of the manufacturer are to be observed, i.e. proper outlet pressure should be applied.

STORAGE:

Recommends storing Pellet 6 mm in 10 kg, 15 kg and 1000kg bags in rooms complying with the following conditions:

- building with a roofing preventing vapour condensation on the inside; surface (sheet without thermal insulation);
- it is equipped with inlet/outlet gravitational or mechanical ventilation;
- the floor with tight moisture barrier;
- Pellet should be stored in a dry place, not exposed to direct impact of weather conditions.
- Pellet bags should be isolated from the ground by placing them on the pallets
- Permissible conditions for storage in warehouse facilities:
 - relative air humidity up to 65%
 - air temperature from +1°C to +28°C (from +34°F to +82°F).
- Formed pallets with 10 kg and 15 kg bags may be stored in stacks (one pallet on the other - maximum 2 layers). In such case it is recommended to use spacer boards (wood-based boards). The best solution is to place Pellet in layers in special warehouse racks.
- Pellet 6mm in a big bag and in bulk must be absolutely stored in a warehouse hall in the conditions as above.

permits to periodically store Pellet 6 mm in 10 kg, 15 kg and 1000kg bags outside (outside the warehouse hall) provided that the following conditions are met:

- Pallets with Pellet are protected. No tampering with the factory packing system is allowed.
- Pellet bags are isolated from the ground with pallets.
- Pallets packed at the factory may not be stored in layers.
- Pallets with 10 kg and 15 kg bags must be stored only in one layer due to the possibility of mechanical damage to the packaging.
- Factory packaging (bag, protective cover, pallet) may not be mechanically damaged.
- The maximum period of storage of Pellet outside the warehouse hall amounts to six months of the date of its production.

Storage of Pellet 6 mm in 10 kg, 15 kg and in big bags in other conditions than the described ones may result in damaging Pellet, for which Sapronek shall not be liable.

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