

# TECHNICAL DATASHEET – ENPLUS A1 PELLET - POMAR -SC



## PRODUCT HIGHLIGHTS:

**PREMIUM PELLET** offered by POMAR-SC , **WOOD PELLET** according to quality class **EN plus A1** of European standard **EN 14961-2:2011** which confirms the highest quality, it is characterized by the highest calorific value with minimum amount of ash and low humidity rooms. It is a clean fuel, easy to transport and store.



## USE:

Wood pellets are used for heating single-family and multi-family houses, hotels, public utility buildings and industrial facilities. Pellets are commonly used fuels that can be burned in multi-fuel boilers, fireplaces, wood gasifying boilers and other heating equipment for solid fuels.

## COMPOSITION:

For production (by pressing under high pressure) only dry sawdust from coniferous trees (pine) is used, which are characterized by very good cohesion, and pellets made of them – are of light color.

## PRODUCT CHARACTERISTICS:

- small amount of ash remaining after burning the pellets (0.3 - 0.6%)
- economical in comparison with other fuels
- favorable for the environment (its combustion does not cause CO<sub>2</sub> emission , the amount of this gas released into the environment in the combustion process is equal to the amount taken up by the burned plant during its growth)
- does not contain harmful substances
- does not emit odors that are disturbing and unpleasant to people
- clean in use - does not soil rooms and is easy to store

## TECHNICAL PARAMETERS:

- diameter: 6 mm / 8 mm ± 1 mm
- total moisture content <10 %
- ash content approx. 0,3-0,6 %
- calorific value >18,5 MJ/kg

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- bulk density >650 kg/m<sup>3</sup>
- fine fraction content (dust in the bag) ≤0,5 %
- mechanical strength >98,5 %

## LOGISTIC DATA OF PELLETS 6 mm / 8 mm:

- unit weight: 15 kg
- type of pallet: 0,8 x 1,2 m (standard) or 1,0 x 1,2 m
- amount of bags per layer [pcs]: 5
- amount of layers [pcs]: 13 or 13+2 bags
- amount of bags on a pallet [pcs]: 65/67
- weight of the product on the pallet [kg]: 975/1005
- type of pallet protection: stretch

## PACKAGING:

- Collective packaging: 65 or 67 bags 15 kg with pellets of diameter 6 mm or 8 mm  
Bags are stacked on a pallet
- BIG BAG packaging: weight from 1000 kg  
Pellets in BIG BAG can be packed onto a 1000 mm x 1200 mm pallet at the buyer's request
- Transport in bulk

## TRANSPORT:

Transportation of pellets is carried out by covered means of wheeled transport. The arrangement and securing of the load is in accordance with the transport regulations regarding wheeled transport. Deliveries are carried out with full-truck tarpaulin trailers, "bathtubs", tankers – 24-25 tons.

## STORAGE:

We recommend storing pellets in rooms that meet the following conditions:

- covered building, with supply-exhaust gravity or mechanical ventilation
- pellets should be stored in a dry place and not exposed to direct precipitation
- pellet bags should be isolated from the ground by stacking them on pallets
- 6 mm / 8 mm pellets in BIG BAG packaging and in bulk must necessarily be stored in a storage room in the conditions described above

**Storage of pellets 6 mm / 8 mm in 15 kg bags and BIG BAG in conditions other than those described may cause damage to the pellets, for which the company POMAR- SC. is not liable.**