

A large industrial machine, a wood pellet mill, is shown in a factory setting. It is processing wood chips into pellets. The machine has a large hopper at the top where wood chips are being added. Below the hopper, the wood chips are being crushed and formed into pellets. The pellets are falling into a collection bin. The background shows a large window and other industrial equipment.

Silvapel

ENPLUS A1 - WOOD PELLET MILL - TURKEY

Heat you can measure.

Silvapel presses pine and beech sawdust from certified forestry by-products into ENplus A1 pellets, then ships them to European and Asian biomass buyers on a schedule they can plan around.

Product catalogue 2026 · silvapel.com

THE MILL

No tree is cut for a Silvapel pellet.

Our raw material is sawdust and wood chips - the by-product stream of certified forestry and timber processing. It arrives at the mill already separated by species, which is what makes a consistent calorific value possible in the first place.

Drying, milling, conditioning and pressing happen on one line under continuous moisture control. A batch that drifts outside the ENplus A1 window never reaches the bagging station.

Because storage capacity lets us bag ahead of the season, September-to-March demand spikes do not turn into delivery gaps for the buyers who booked early.

17.6

MJ/KG NET CALORIFIC

6.8%

MOISTURE

0.42%

ASH CONTENT

98.6%

DURABILITY



Sold the way the trade buys it.

Bagged for distributors and retail shelves, big bags for installers, bulk for depots. The pellet inside every format comes off the same line, to the same specification.



15 kg sealed bag

UV-stable printed PE bag, heat-sealed and handle-punched. 72 bags to a Euro pallet, stretch-wrapped with corner protection and a top hood for outdoor storage at the distributor.

Bag 15 kg · Pallet 72 bags · Per 40 ft 22 pallets



1,000 kg big bag

Woven polypropylene with four lifting loops and a bottom discharge spout, rated for forklift and crane handling. The format installers and heating cooperatives decant themselves.

Weight 1,000 kg · Per 40 ft 24 units · Discharge bottom spout



6 mm pellet

Pine and beech blend for domestic stoves and small boilers. The diameter almost every European residential appliance is built around.

Diameter 6 mm $\pm 1\%$ · Length 3.15–40 mm · Class ENplus A1



8 mm pellet

For larger boilers and biomass plants where feed rate matters more than pellet count. Same moisture and durability window as the 6 mm line.

Diameter 8 mm $\pm 1\%$ · Length 3.15–40 mm · Class ENplus A1

Every value, against the standard that governs it.

Measured on the current production run. The right-hand column is the ENplus A1 requirement, not our marketing claim.

PARAMETER	UNIT	SILVAPEL	ENPLUS A1
Moisture	%	6.8	≤ 10
Ash content	%	0.42	≤ 0.7
Mechanical durability	%	98.6	≥ 98.0
Fines below 3.15 mm	%	0.4	≤ 1.0
Net calorific value	MJ/kg	17.6	≥ 16.5
Bulk density	kg/m³	680	600–750
Diameter	mm	6 / 8	6 ± 1 / 8 ± 1
Length	mm	3.15–40	3.15–40
Chlorine	%	0.01	≤ 0.02
Sulphur	%	0.02	≤ 0.04
Nitrogen	%	0.12	≤ 0.3
Ash melting temperature	°C	≥ 1250	≥ 1200

Values are from the most recent batch analysis. A signed analysis accompanies every shipment, so incoming inspection has a document to check against rather than a claim to trust.

Four steps, each with a measurement behind it.

Every stage writes a number into the batch record, which is what makes the ENplus certificate auditable rather than decorative.

01	Sourcing Sawdust and chips from certified forestry by-product streams, separated by species on arrival and logged against supplier.
02	Drying and milling Moisture is brought under 8% and held there. Particle size is normalised before the material reaches the press.
03	Pressing Die pressure and temperature are held in a narrow band. Durability is sampled per batch, not per shipment.
04	Bagging and loading 15 kg bags palletised and wrapped, or big bags filled and weighed. 24 tonnes to a 40 ft container, sealed at the mill.

The document set a European distributor expects.

ENplus A1	Pellet quality class, licence number on every bag
DINplus	Second-opinion quality scheme German buyers ask for
EN ISO 17225-2	Solid biofuel specification the class is defined against
FSC	Certified origin of the forestry by-product stream
Batch analysis	Signed, issued per shipment
Phytosanitary	Prepared per destination country

Book tonnage before the heating season prices it.

Tell us the destination port, the format and the monthly volume. You get a specification sheet, a batch analysis sample and a firm FOB or CIF price.

E-mail	info@silvapel.com
Phone	0216 606 21 86
Web	silvapel.com
Address	İstanbul, Türkiye

