

## Appendix 2 - Wood Pellet Specification

Parameter	Unit	ISO standard	Specification
Water damage	-	-	None
Burned or charred pellets	-	-	None
Metals and other foreign materials	-	-	None
Additives	-	-	Not Allowed
Diameter	mm	ISO 17829	6-10
Length: 3.15<L≤40 mm	w-% ar	ISO 17829	Min. 95.0
Length: 3.15<L≤40 mm	w-% ar	ISO 17829	Min. 99.0
Length: 3.15<L≤50 mm	w-% ar	ISO 17829	Min. 99.9
Moisture	w-% ar	ISO 18134-1	>4≤10
Bulk density	kg/m <sup>3</sup>	ISO 17828	≥630
Maximum bulk temperature	°C	ISO/CD 20024	≤60 Load Port ≤55 Discharge Port
Net calorific value at constant pressure	MJ/kg ar	ISO 18125	≥16.5
Ash	w-% dry	ISO 18122	≤1.5
Cl	w-% dry	ISO 16994	≤ 0.02
N	w-% dry	ISO 16948	≤ 0.3
S	w-% dry	ISO 16994	≤ 0.05
Al	mg/kg dry	ISO 16967	<875
As	mg/kg dry	ISO 16968	≤2
Ca	mg/kg dry	ISO 16969	<5700
Cd	mg/kg dry	ISO 16968	≤1
Cr	mg/kg dry	ISO 16968	≤15
Cu	mg/kg dry	ISO 16968	≤20
Fe	mg/kg dry	ISO 16967	<800
Pb	mg/kg dry	ISO 16968	≤20
Hg	mg/kg dry	ISO 16968	≤0.1
Mg	mg/kg dry	ISO 16967	<800
Ni	mg/kg dry	ISO 16968	<20
P	mg/kg dry	ISO 16967	<255
K	mg/kg dry	ISO 16967	<1955
Si	mg/kg dry	ISO 16967	<3600
Na	mg/kg dry	ISO 16967	<400

Sn	mg/kg dry	ISO 16968	<10
Ti	mg/kg dry	ISO 16967	<125
V	mg/kg dry	ISO 16968	<20
Zn	mg/kg dry	ISO 16968	≤40
Fines ≤3.15 mm at Load Port	w-% ar	ISO 18846	≤4.0
Fines ≤3.15 mm at Discharge Port	w-% ar	ISO 18846	≤6.0
Mechanical durability	w-% ar	ISO 17831-1	≥98
Ash fusion - deformation temperature	°C	CEN/TS 15370-1:2006	>1150

**Particle size distribution of disintegrated pellets:**

≤4.0 mm	w-%	ISO 17830	≥99.5
≤3.15 mm	w-%	ISO 17830	≥99
≤2.0 mm	w-%	ISO 17830	≥95
≤1.0 mm	w-%	ISO 17830	≥60
≤0.5 mm	w-%	ISO 17830	≥50
≤0.1 mm	w-%	ISO 17830	≤7

**Certifications:**

The wood pellets shall have the sustainability certifications required by European buyers.