

Origin:		1. Woody biomass		
Traded form:		Wood pellets		
Classification of origin according to EN ISO 17225-1:2014		1.2.1 Chemically untreated by-products and residues from the wood processing industry		
Parameter	Unit	Value	Uncertainty [±] ¹	Threshold value acc. to DINplus Certification scheme Edition: January 2020
Diameter	mm	6.2	0.3	6 ± 1 or 8 ± 1
Length	mm	14.6	5.5	3.15 < L ≤ 40
Moisture	w-% _{ar}	5.10	0.18	≤ 10
Ash	w-% _d	0.37	0.03	≤ 0.7
Mechanical durability	w-% _{ar}	97.0	0.3	≥ 97.5
Fines (< 3.15 mm)	w-% _{ar}	0.43	0.05	≤ 1.0 (< 0.5%) ⁴
Gross calorific value	MJ/kg _d	20.69	0.06	-
Net calorific value	MJ/kg _{ar} kWh/kg _{ar}	18.16 5.04	0.09 0.03	≥ 16.5 ≥ 4.6
Bulk density	kg/m ³ _{ar}	626	8	600 ≤ BD ≤ 750
Carbon	w-% _d	50.76	0.44	-
Hydrogen	w-% _d	6.57	0.33	-
Nitrogen	w-% _d	0.16	0.01	≤ 0.3
Sulfur	w-% _d	0.0073	0.0001	≤ 0.04
Chlorine	w-% _d	0.014	0.001	≤ 0.02