

Origin:		1. Woody biomass				
Traded form:		Wood pellets				
Classification 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 ENplus® Handbook, Part 3 version 3.0		
				A1	A2	B
Diameter	mm	6.0	0.2	6 ± 1 or 8 ± 1		
Length	mm	22.6	12.4	3.15 < L ≤ 40		
Moisture	w-% _{ar}	6.40	0.25	≤ 10		
Ash	w-% _d	0.50	0.05	≤ 0.7	≤ 1.2	≤ 2.0
Mechanical durability	w-% _{ar}	98.3	0.1	≥ 98.0	≥ 97.5	
Fines (< 3.15 mm)	w-% _{ar}	0.11	0.01	≤ 1.0 (< 0.5%) ⁴		
Gross calorific value	MJ/kg _d	21.07	0.09	-		
Net calorific value	MJ/kg _{ar} kWh/kg _{ar}	18.25	0.10	≥ 16.5		
		5.07	0.03	≥ 4.6		
Bulk density	kg/m ³ _{ar}	637	12	600 ≤ BD ≤ 750		
Carbon	w-% _d	50.80	0.34	-		
Hydrogen	w-% _d	6.46	0.16	-		
Nitrogen	w-% _d	0.14	0.02	≤ 0.3	≤ 0.5	≤ 1.0
Sulfur	w-% _d	0.0050	0.0003	≤ 0.04	≤ 0.05	
Chlorine	w-% _d	0.0068	0.0011	≤ 0.02		≤ 0.03