

PELLET LAB ANALYSIS RESULTS

	Standard	unit	Pellets A1	Limit values according ENplus
				Class A1
mechanical durability	ISO 17831-1	[%]	98,6	≥ 98,0
bulk density (ar)	ISO 17828	[kg/m³]	635	750≥BD≥600
moisture content	ISO 18134-2	[%]	6,3	≤ 10
ash content 550°C (db)	ISO 18122	[%]	0,23	≤ 0,7
net calorific value (ar)	EN 14918	[MJ/kg]	18,2	≥ 16,5
net calorific value (ar)	EN 14918	[kWh/kg]	5,1	≥ 4,6
Sulphur content (db)	ISO 16994	[%]	0,005	≤ 0,04
Chlorine content (db)	ISO 16994	[%]	0,011	≤ 0,02
Nitrogen content (db)	ISO 16948	[%]	0,052	≤ 0,30
pressing aid / additives	-	[%]	0	≤ 2
fines (< 3,15 mm)	EN 15149	[%]	0,6	≤ 0,5* / ≤ 1
length (3,15 ≤ L ≤ 40 mm)	ISO 17829	[%]	99,4	> 98,5* / >98
length (40 ≤ L ≤ 45 mm)	ISO 17829	[%]	0	≤ 1
length (> 45 mm)	ISO 17829	[amount]	0	0
diameter	ISO 17829	[mm]	6	6 or 8 ± 1
Chromium (db)	ISO 16968	[mg/kg]	<1	≤ 10
Copper (db)	ISO 16968	[mg/kg]	1,3	≤ 10
Zinc (db)	ISO 16968	[mg/kg]	<10	≤ 100
Lead (db)	ISO 16968	[mg/kg]	<2	≤ 10
Mercury (db)	ISO 16968	[mg/kg]	<0,1	≤ 0,1
Cadmium (db)	ISO 16968	[mg/kg]	<0,2	≤ 0,5
Arsenic (db)	ISO 16968	[mg/kg]	<1	≤ 1
Nickel (db)	ISO 16968	[mg/kg]	<1	≤ 10
shrinking temp. SST	CEN/TS 15370-1	[°C]	1190	-
deformation temp. DT	CEN/TS 15370-1	[°C]	1210	≥ 1200
hemisphere temp. HT	CEN/TS 15370-1	[°C]	1510	-
flow temp. FT	CEN/TS 15370-1	[°C]	1520	-

ar...as
 received
 db...dry basis