

FICHA TÉCNICA PELLET - PELLET TECHNICAL SPECIFICATIONS

		Pellets	Limit values according to DINplus
Internal sample number		406.362	-
moisture content	[%]	4,8	≤ 10
ash content (db) 550°C	[%]	0,30	≤ 0,7
density	[kg/dm³]	1,27	≥ 1,12
length	[mm]	16,9	3,15 ≤ L ≤ 40
diameter	[mm]	6,1	6 ± 1
bulk density	[kg/dm³]	694	≥ 600
mechanical durability	[%]	98,6	≥ 97,5
content of fines (packages)	[%]	0,33	≤ 0,5 ¹⁾
net calorific value (db)	[MJ/kg]	18,9	-
net calorific value (ar)	[MJ/kg]	17,8	16,5 ≤ Hu ≤ 19
Nitrogen content (db)	[%]	0,12	≤ 0,3
Carbon content (db)	[%]	45	-
Hydrogen content (db)	[%]	5,8	-
Sulphur content (db)	[%]	0,009	≤ 0,03
Chlorine content (db)	[%]	0,005	≤ 0,02
Arsenic (db)	[mg/kg]	<0,8	≤ 1
Cadmium (db)	[mg/kg]	<0,2	≤ 0,5
Chromium (db)	[mg/kg]	1	≤ 10
Copper (db)	[mg/kg]	<1	≤ 10
Lead (db)	[mg/kg]	<1	≤ 10
Mercury (db)	[mg/kg]	<0,05	≤ 0,1
Nickel (db)	[mg/kg]	2	≤ 10
Zinc (db)	[mg/kg]	9	≤ 100
shrinking temperature SST	[°C]	1330	-
deformation temperature DT	[°C]	1370	-
hemisphere temperature HT	[°C]	1410	-
flow temperature FT	[°C]	1440	-

1) ... Limit applies to "small packages" up to 20kg. Here was a 15 kg packages of pellets tested

