

3.2.Results

Parameters	Unit	Relative condition	Result	Base results DIN plus,EN plus A1
Diameter,D	mm	ar	6,1	6±1(8±1)
Length,L	mm	ar	8-34	3,15 ≤ L ≤ 40
Water content,M	%	ar	6,7	≤10
Ash content,A(AT 550 °C)	%	d	0,4	≤0,7
Mechanical strenght,DU	%	ar	99,1	≥97,5
Fine share(sack packing)	%	ar	0,14	≤0,5 (DIN plus) ≤ 1 (EN plus)
Calorific value,Q	MJ/kg	ar	17,60	16,5 ≤ Q ≤ 19
Rubble density,BD	kg/m3	ar	660	≥600
Aditive	%	d	0,7	≤2
Carbon,C	%	d	48	
Hydrogen,H	%	d	6	
Nitrogen,N	%	d	0,12	≤0,3
Sulphur,S	%	d	0,004	≤0,03
Chlorine,Cl	%	d	0,001	≤0,02
Arsenic,As	mg/kg	d	<0,8	≤1
Cadmium,Cd	mg/kg	d	<0,5	≤0,5
Chrome,Cr	mg/kg	d	<1	≤10
Cooper,Cu	mg/kg	d	2	≤10
Lead,Pb	mg/kg	d	<1	≤10
Mercury,Hg	mg/kg	d	<0,07	≤0,1
Nickel,Ni	mg/kg	d	<1	≤10
Zinc,Zn	mg/kg	d	10	≤100
Ash fusion act				
Temperature at shrinkage,SST	°C	d	n.a.	
Softening temperature,DT	°C	d	1280	≥1200(EN plus)
Hemisphere temperature,HT	°C	d	1440	
Fluid temperature,FT	°C	d	1450	

n.a. Not occurred

ar...In delivery conditions

d...Anhydrous basis relative