

LAMPIRAN 1

Perbandingan waktu dan massa pengeringan briket

Waktu (menit)	Briket A (gram)	Briket B (gram)	Briket C (gram)	Briket D (gram)	Briket F (gram)
0	36.32	36.59	36.86	37.12	37.39
30	35.23	35.78	35.25	36.28	37.07
60	34.88	35.43	34.28	35.23	36.20
90	34.26	34.80	33.98	34.89	35.33
120	33.12	33.67	33.12	33.98	34.46
150	32.57	33.21	32.76	33.12	33.60
180	31.46	32.76	31.87	32.42	32.73
210	30.57	32.30	31.25	31.98	31.86
240	29.52	31.85	30.68	31.45	31.00
270	28.96	31.26	29.87	31.21	30.13
300	28.32	30.46	28.29	30.56	29.26
330	27.44	29.46	27.75	29.85	28.40
360	26.54	28.12	26.75	28.45	27.53
390	26.11	27.46	25.75	27.33	26.66
420	25.55	24.36	24.23	26.45	25.79
450	24.58	23.75	23.45	25.43	24.93
480	23.76	23.56	22.79	23.02	23.82

LAMPIRAN 2

Pengujian Nilai Kalor Sampel dilaboratorium Energi, Kayu, Jurusan Teknologi Hasil Hutan, Universitas Gajah Mada

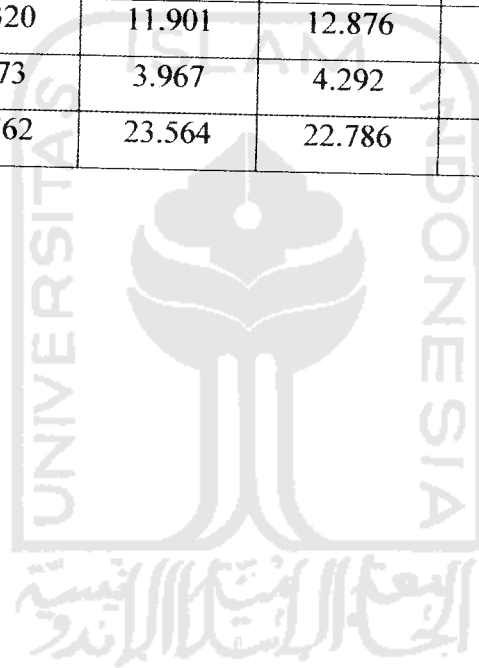
Sampel	NILAI KALOR	Rata-rata
	(kal/gram)	
I.1	6697.434	
I.2	6601.669	6726.356
I.3	6879.966	
II.1	6872.019	
II.2	6704.456	6666.509
II.3	6423.052	
III.1	6551.768	
III.2	6980.835	6583.667
III.3	6218.397	
IV.1	6992.992	
IV.2	6854.133	6912.229
IV.3	6889.563	
V.1	7090.035	
V.2	7012.563	7054.270
V.3	7060.212	

LAMPIRAN 3

Pengujian Kadar abu briket dilaboratorium Energi, Kayu, Jurusan Teknologi Hasil

Hutan, Universitas Gajah Mada

Ulangan Briket	Jenis briket (gram)				
	Model A	Model B	Model C	Model D	Model E
I	3.996	3.667	4.094	5.445	5.227
II	3.338	4.044	4.250	5.211	5.567
III	3.986	4.190	4.532	5.247	6.122
Jumlah	11.320	11.901	12.876	15.903	16.916
rata-rata	3.773	3.967	4.292	5.301	5.639
Berat Awal	23.762	23.564	22.786	23.019	23.825

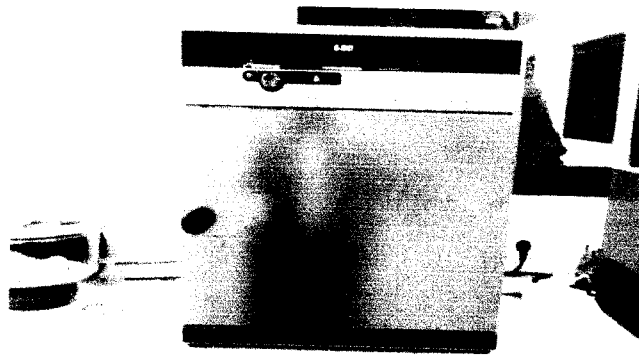


LAMPIRAN 4

Pengujian suhu dan lama membara briket dilaboratorium Atom-Inti Jurusan Fisika
Fakultas MIPA, UGM, Yogyakarta.

Waktu (Menit)	Suhu bara briket				
	A	B	C	D	E
5	64.00	135.60	175.00	210.80	221.00
10	87.00	301.20	240.00	271.80	301.20
15	102.00	425.60	261.00	371.00	378.46
20	174.00	452.60	279.40	408.20	460.20
25	184.00	483.00	301.80	538.20	527.00
30	308.60	535.40	378.20	586.20	530.20
35	406.00	582.40	400.20	685.00	850.20
40	410.00	681.40	481.60	720.20	1042.20
45	446.00	590.80	488.00	818.20	1080.00
50	510.20	580.60	512.00	860.20	1065.60
55	538.40	568.60	537.20	883.80	1050.20
60	560.20	502.20	593.00	914.20	966.20
65	590.40	496.00	600.00	940.20	869.00
70	640.40	476.00	640.00	1042.20	768.80
75	603.80	457.80	680.00	1031.60	735.20
80	590.80	442.00	750.00	950.60	695.80
85	518.80	408.00	774.00	901.00	641.60
90	450.80	378.00	801.00	864.20	601.80
95	301.00	342.00	841.00	801.80	455.00
100	240.60	330.00	700.00	790.20	509.20
105	211.80	310.00	625.00	750.20	470.60
110	141.80	272.00	553.00	680.20	448.80
115	61.60	240.00	465.00	632.20	421.00
120	30.00	220.00	433.20	576.20	391.40
125		133.60	386.00	502.20	339.60
130		60.00	342.40	471.20	287.00
135			322.40	421.40	271.20
140			291.80	397.00	261.20
145			260.60	346.20	242.60
150			236.80	297.80	225.00
155			134.20	256.20	207.04
160				202.20	181.20
165				147.20	132.46
170				73.40	79.40





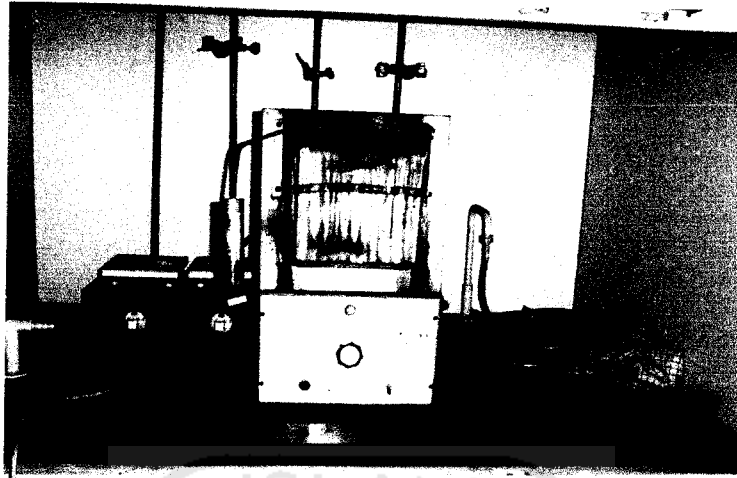
Gambar 1. Oven untuk bahan padatan



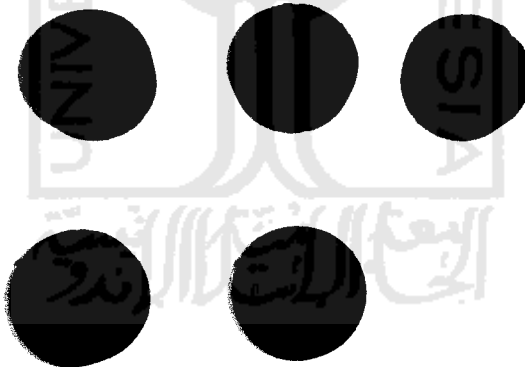
Gambar 2. Timbangan Digital



Gambar 3. Reaktor Vessel Bomb Kalorimeter



Gambar 4. Reaktor Untuk Menguji Kadar Abu



Gambar 5. Sampel Briket Rekayasa