

LAMPIRAN 2

**HASIL UJI PROKSIMAT DAN NILAI KALORI
BRIKET KAYU JATI DAN TEMPURUNG KELAPA**

NO	BAHAN	KADAR AIR (%)	KADAR VOLATILE MATTER (%)	KADAR ABU (%)	KADAR KARBON TERIKAT (%)	NILAI KALORI (Kal/g)
1	Kayu jati 70% Tempurung kelapa 30% P.250 Psi	5,4137	15,0022	3,7419	75,8422	6865,9426
		5,4894	15,2571	3,6877	75,5658	6813,5536
		5,5338	14,9223	3,7902	75,7538	6839,6138
2	Kayu jati 70% Tempurung kelapa 30% P.500 Psi	5,3205	14,7880	3,8708	76,0207	6892,1509
		5,3395	14,5190	3,7856	76,3559	6840,1688
		5,1976	14,6148	3,8374	76,3503	6876,0760
3	Kayu jati 70% Tempurung kelapa 30% P.750 Psi	4,8728	14,4198	3,9142	76,7932	6868,9756
		4,7223	14,5452	4,0107	76,7217	6887,6499
		4,8864	14,4952	3,9419	76,6764	6891,5341
4	Kayu jati 60% Tempurung kelapa 40% P.250 Psi	5,2380	14,4593	3,2464	77,0564	6895,9859
		5,1659	14,4695	3,2734	77,0912	6880,1103
		5,1912	14,3205	3,2868	77,2015	6913,9690
5	Kayu jati 60% Tempurung kelapa 40% P.500 Psi	4,8496	14,2311	3,3208	77,5985	6949,1983
		4,9968	14,3133	3,4202	77,2698	6903,2452
		4,9294	14,3522	3,3589	77,3594	6912,2187
6	Kayu jati 60% Tempurung kelapa 40% P.750 Psi	4,5855	13,9147	3,5071	77,9927	6929,4846
		4,6672	14,0312	3,4100	77,8916	6958,0828
		4,6009	14,0704	3,4457	77,8830	6963,6424
7	Kayu jati 50% Tempurung kelapa 50% P.250 Psi	5,1031	13,9445	2,8532	78,0992	6991,1712
		4,9353	14,0460	2,8822	78,1364	6974,6890
		4,9824	13,9380	2,9242	78,1555	6954,7705
8	Kayu jati 50% Tempurung kelapa 50% P.500 Psi	4,8849	13,6027	2,9389	78,5735	6969,0766
		4,7664	13,7756	2,9833	78,4748	7015,6259
		4,8628	13,5040	3,0306	78,6026	6984,9954
9	Kayu jati 50% Tempurung kelapa 50% P.750 Psi	4,2629	13,2299	3,0386	79,4686	7028,7975
		4,3819	13,1555	3,0584	79,4042	7005,2984
		4,4379	13,2147	3,1190	79,2284	6983,4226

HASIL PENGUJIAN NILAI KALORI BRIKET

N O	BAHAN	A	B	C	D	E	F	G
1	Kayu jati	0,610	25,9	27,6	1,7	4412,567	4193,031	6865,942
	70%	7	4	6	2	1	1	6
	Tempurun g kelapa	0,604	25,9	27,6	1,6	4335,603	4116,067	6813,553
	1	1	2	1	9	7	7	6
2	30% P.250 Psi	0,609	25,9	27,6	1,7	4386,912	4167,376	6839,613
	3	6	7	1	7	7	7	8
	Kayu jati	0,612	25,9	27,6	1,7	4438,221	4218,685	6892,150
	70%	1	2	5	3	6	6	9
3	Tempurun g kelapa	0,605	25,9	27,6	1,7	4361,258	4141,722	6840,168
	5	3	3	0	2	2	2	8
	30% P.500 Psi	0,609	25,9	27,6	1,7	4412,567	4193,031	6876,076
	8	4	6	2	1	1	1	0
4	Kayu jati	0,617	25,9	27,7	1,7	4463,876	4244,340	6868,975
	70%	9	7	1	4	0	0	6
	Tempurun g kelapa	0,612	25,9	27,6	1,7	4438,221	4218,685	6887,649
	5	6	9	3	6	6	6	9
5	30% P.750 Psi	0,619	25,9	27,7	1,7	4489,530	4269,994	6891,534
	6	8	3	5	5	5	5	1
	Kayu jati	0,619	25,9	27,6	1,7	4489,530	4269,994	6895,985
	60%	2	2	7	5	5	5	9
6	Tempurun g kelapa	0,616	25,9	27,6	1,7	4463,876	4244,340	6880,110
	9	3	7	4	0	0	0	3
	40% P.250 Psi	0,621	25,9	27,7	1,7	4515,185	4295,649	6913,969
	3	5	1	6	0	0	0	0
7	Kayu jati	0,596	25,9	27,6	1,7	4361,258	4141,722	6949,198
	60%	0	3	3	0	2	2	3
	Tempurun g kelapa	0,607	25,9	27,6	1,7	4412,567	4193,031	6903,245
	4	4	6	2	1	1	1	2
8	40% P.500 Psi	0,602	25,9	27,6	1,7	4386,912	4167,376	6912,218
	9	6	7	1	7	7	7	7
	Kayu jati	0,605	25,9	27,7	1,7	4412,567	4193,031	6929,484
	60%	1	9	1	2	1	1	6
9	Tempurun g kelapa	0,606	26,0	27,7	1,7	4438,221	4218,685	6958,082
	3	0	3	3	6	6	6	8
	40% P.750 Psi	0,609	25,9	27,7	1,7	4463,876	4244,340	6963,642
	5	8	2	4	0	0	0	4
10	Kayu jati	0,607	26,0	27,7	1,7	4463,876	4244,340	6991,171
	50%	1	3	7	4	0	0	2
	Tempurun g kelapa	0,597	26,0	27,7	1,7	4386,912	4167,376	6974,689
	5	1	2	1	7	7	7	0
11	50% P.250 Psi	0,602	26,0	27,7	1,7	4412,567	4193,031	6954,770
	9	0	2	2	1	1	1	5
	Kayu jati	0,594	26,0	27,7	1,7	4361,258	4141,722	6969,076
	50%	3	2	2	0	2	2	6

	Tempurung kelapa 50% P.500 Psi	0,586 7 0,585 6	25,9 9 25,9 8	27,6 8 27,6 6	1,6 9 1,6 8	4335,603 7 4309,949 3	4116,067 7 4090,413 3	7015,625 9 6984,995 4
9	Kayu jati 50% Tempurung kelapa 50% P.750 Psi	0,607 5 0,613 2 0,604 1	26,0 0 26,0 3 26,0 2	27,7 5 27,7 9 27,7 5	1,7 5 1,7 6 1,7 3	4489,530 5 4515,185 0 4438,221 6	4269,994 5 4295,649 0 4218,685 6	7028,797 5 7005,298 4 6983,422 6

Keterangan

- A. Berat sampel (gram) 201,476
- B. Temperature awal (°C) 18,060
- C. Temperature ahir (°C) 219,536
- D. Selisih suhu (°C)
- E. Kapasitas kalori total (kalori)
- F. Kapasitas kalori terkoreksi (kalori)
- G. Nilai kalori sampel/briket (kalori/gram)
- Berat benang 0,0482 4180
- Berat kawat 0,0129 1400