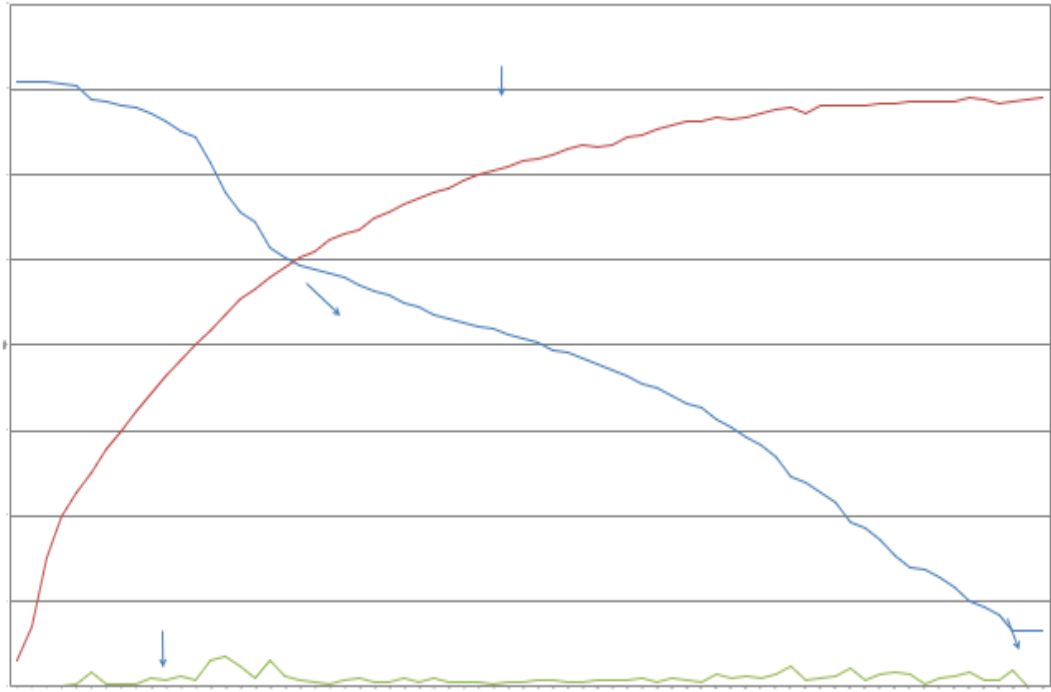
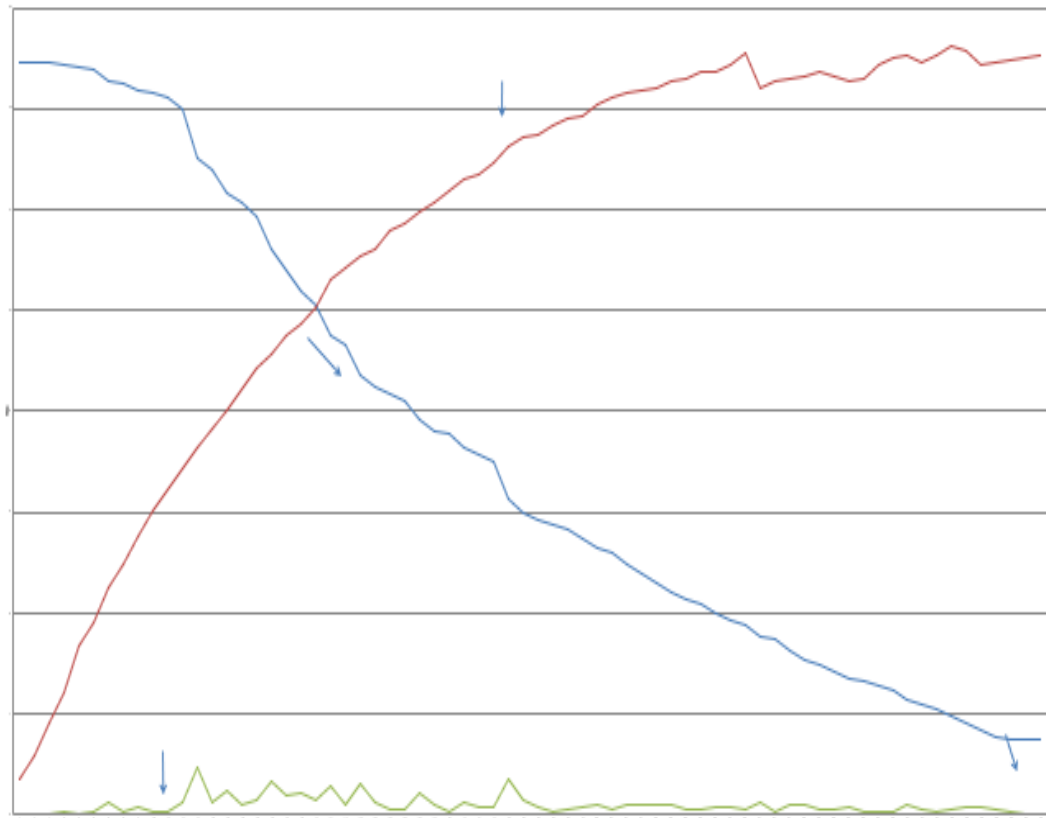


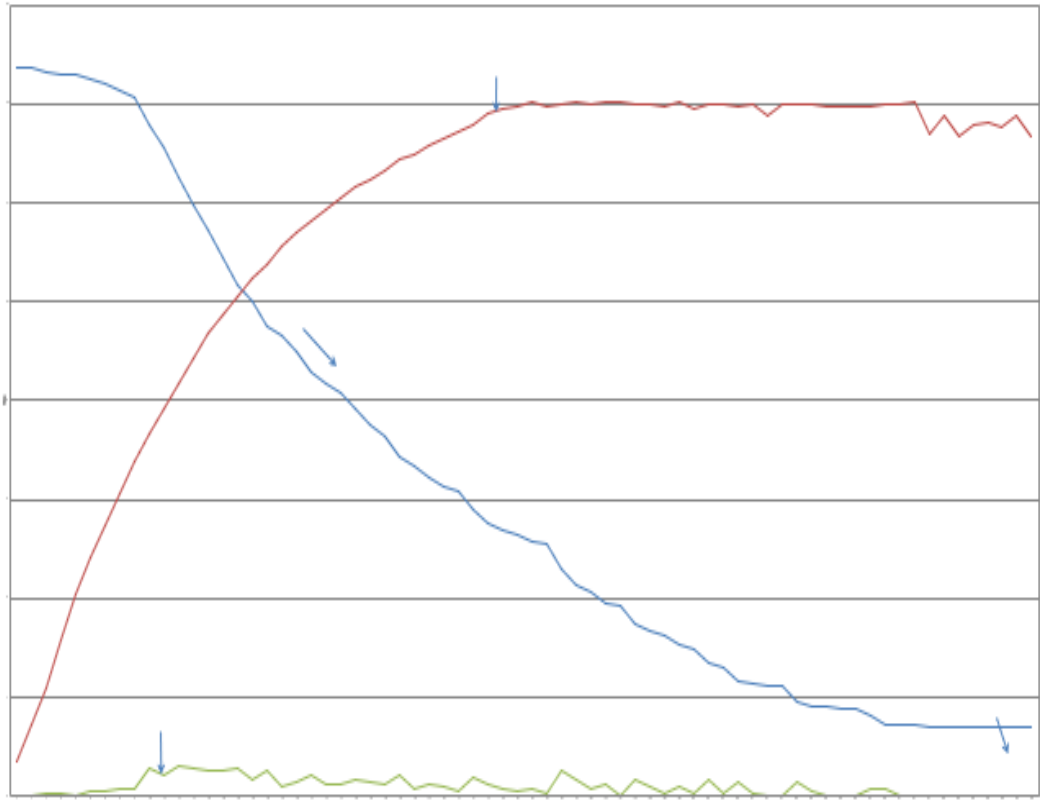
**Grafik TGA 50% batok kelapa tekanan 250 psi**



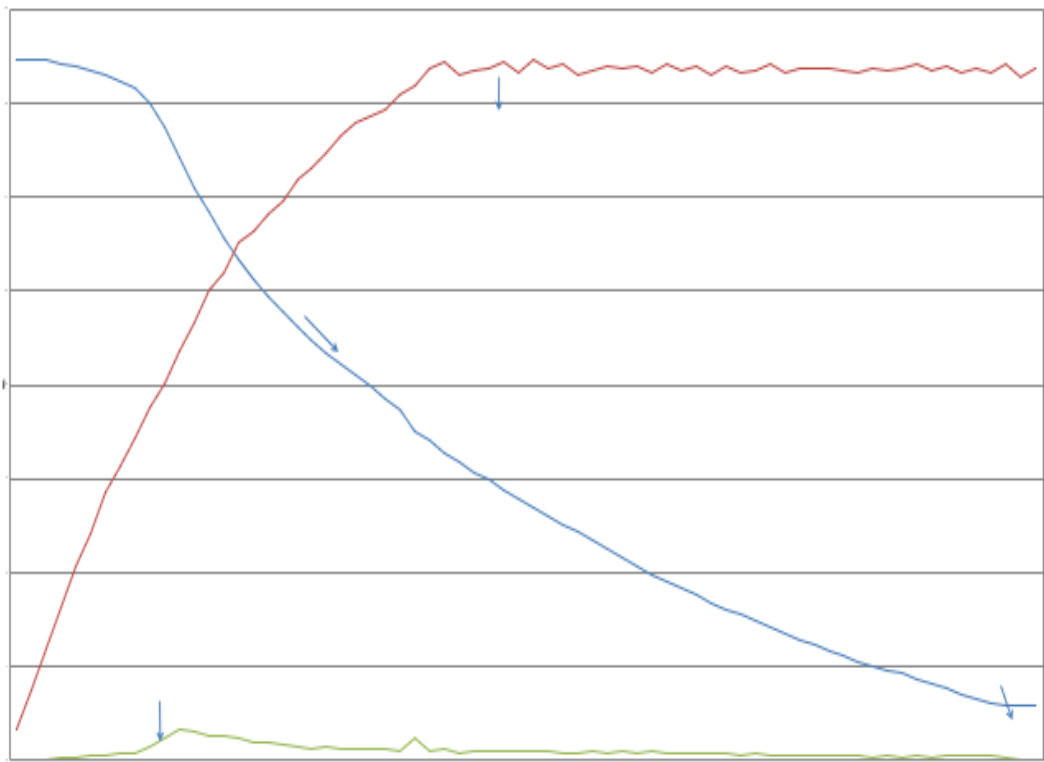
**Grafik TGA 50% batok kelapa tekanan 500 psi**



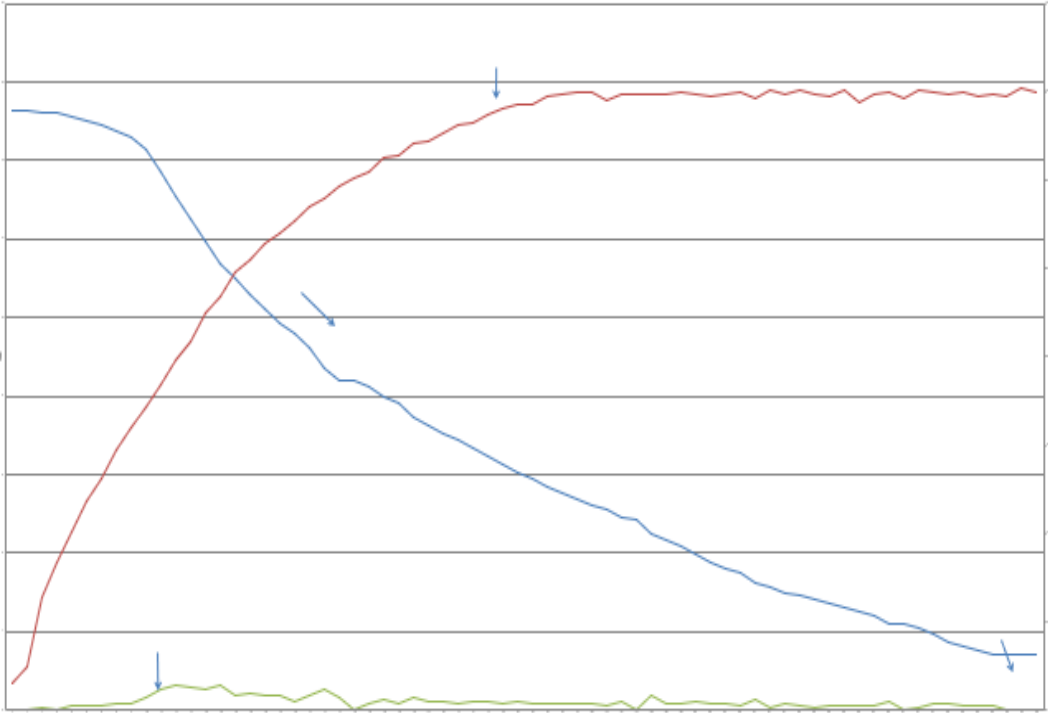
**Grafik TGA 50% batok tekanan 750 psi**



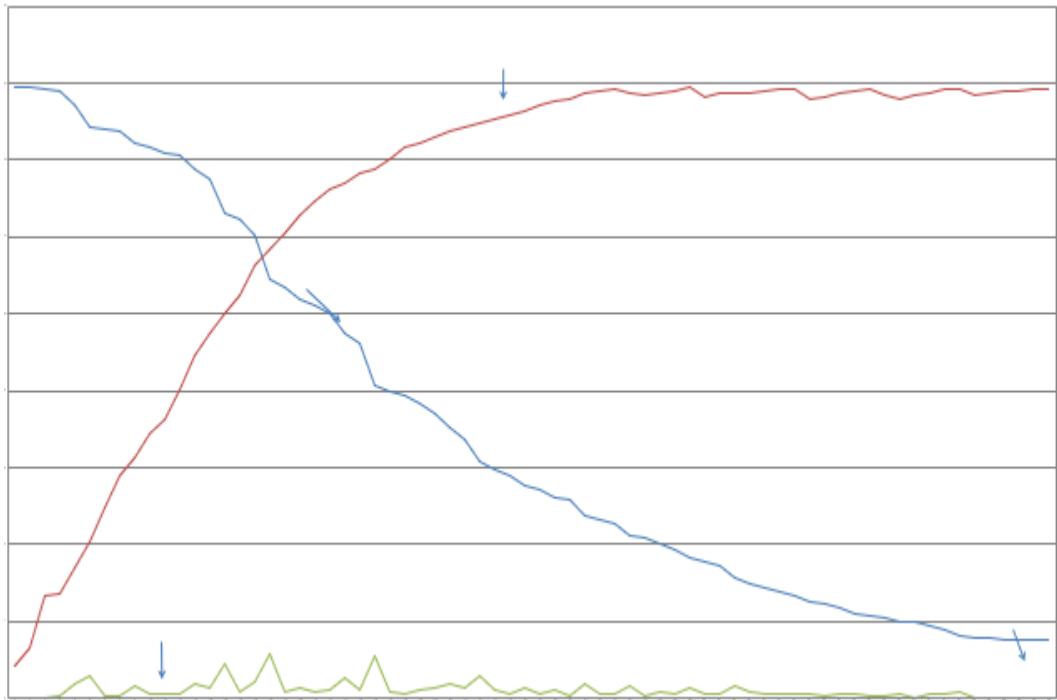
**Grafik TGA 60% batok kelapa tekanan 250 psi**



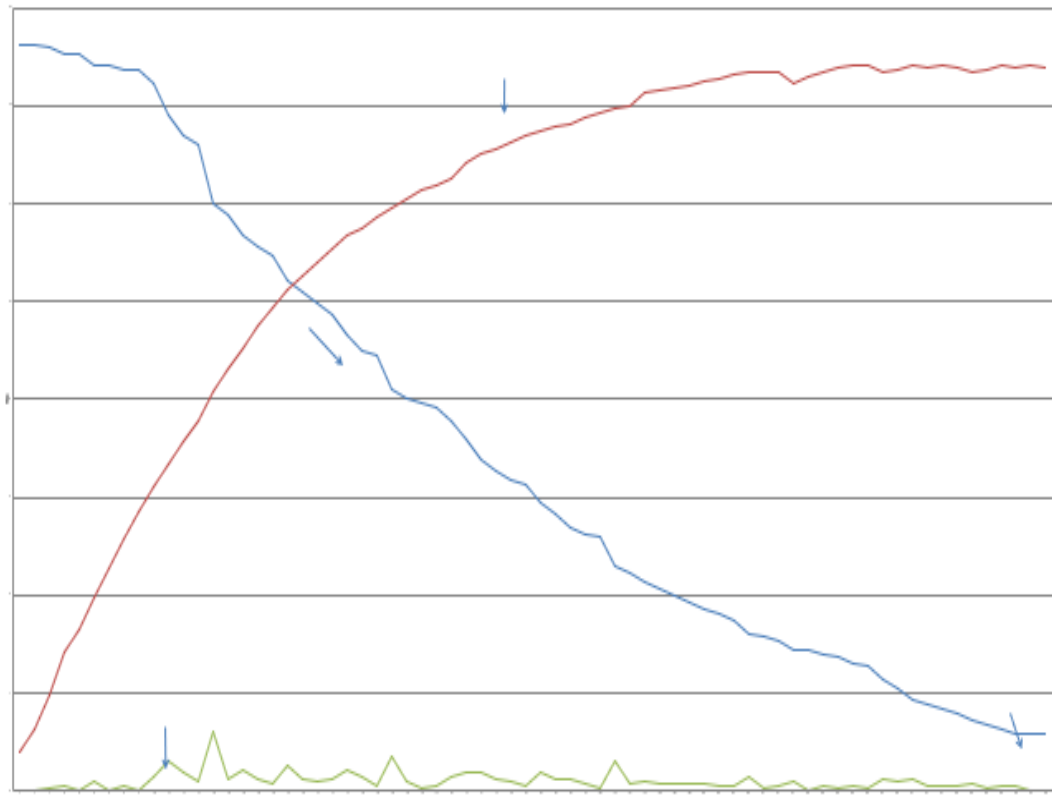
**Grafik TGA 60% batok kelapa tekanan 500 psi**



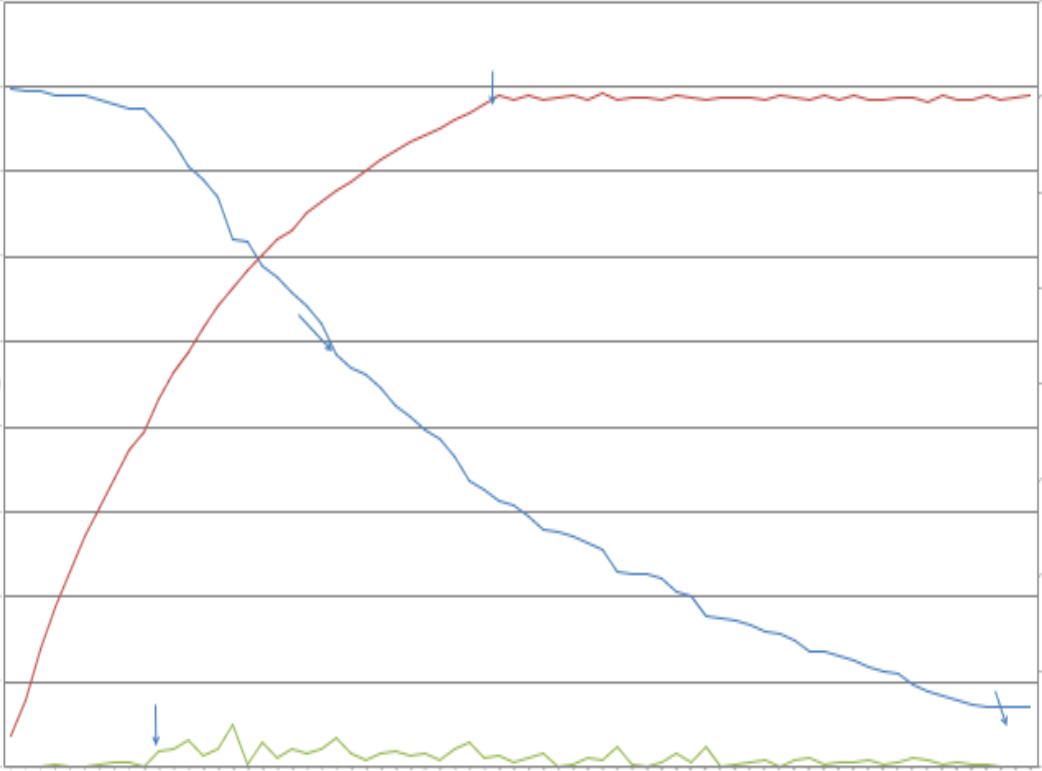
**Grafik TGA 60% batok kelapa tekanan 750 psi**



**Grafik TGA 70% batok kelapa tekanan 250 psi**

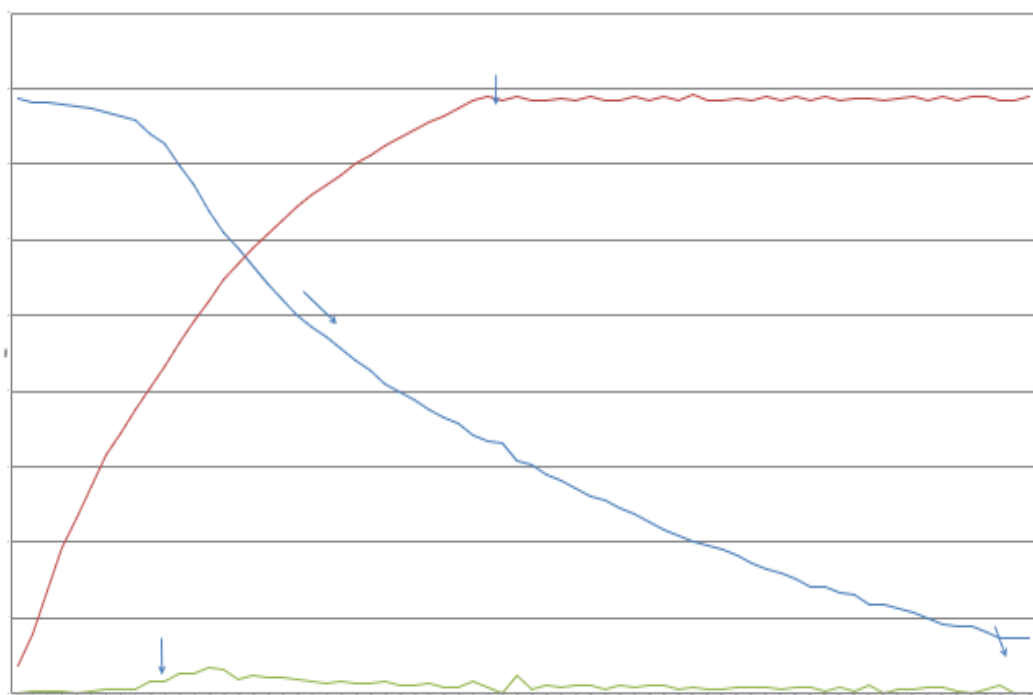


**Grafik TGA 70% batok kelapa tekanan 500 psi**





**Grafik TGA 70% batok kelapa tekanan 750 psi**



**HASIL PENGUKURAN NILAI KALORI BRIKET**

NO	BAHAN	A	B	C	D	E	F	G
1	Tempurung Kelapa 70 % Tongkol Jagung 30 % P. 250 Psi	0,6294	25,81	27,59	1,78	4566,4939	4346,9579	6906,5108
		0,6308	25,79	27,58	1,79	4592,1483	4372,6123	6931,8522
		0,6239	25,83	27,60	1,77	4540,8394	4321,3034	6926,2757
2	Tempurung Kelapa 70 % Tongkol Jagung 30 % P. 500 Psi	0,6342	25,79	27,60	1,81	4643,4573	4423,9213	6975,5933
		0,6325	25,80	27,59	1,79	4592,1483	4372,6123	6933,2211
		0,6332	25,81	27,61	1,80	4617,8028	4398,2668	6946,0941
3	Tempurung Kelapa 70 % Tongkol Jagung 30 % P. 750 Psi	0,6334	25,84	27,64	1,80	4617,8028	4398,2668	6943,9009
		0,6345	25,83	27,64	1,81	4643,4973	4423,9213	6972,2951
		0,6356	25,85	27,67	1,82	4669,1117	4449,5757	6998,3890
4	Tempurung Kelapa 60 % Tongkol Jagung 40 % P. 250 Psi	0,6358	25,79	27,57	1,78	4566,4939	4346,9579	6896,9894
		0,6273	25,80	27,56	1,76	4515,1850	4295,6490	6847,8383
		0,6347	25,82	27,59	1,77	4540,8394	4321,3034	6898,4188
5	Tempurung Kelapa 60 % Tongkol Jagung 40 % P. 500 Psi	0,6463	25,80	27,61	1,81	4643,4573	4423,9213	6844,9965
		0,6365	25,81	27,60	1,79	4592,1483	4372,6123	6869,7759
		0,6319	25,83	27,61	1,78	4566,4939	4346,9579	6879,1864
6	Tempurung Kelapa 60 % Tongkol Jagung 40 % P. 750 Psi	0,6342	25,86	27,65	1,79	4592,1483	4372,6123	6894,6899
		0,6424	25,87	27,67	1,80	4617,8028	4398,2668	6846,6171
		0,6397	25,85	27,66	1,81	4643,4573	4423,9213	6915,6187
7	Tempurung Kelapa 50 % Tongkol Jagung 50 % P. 250 Psi	0,6231	25,90	27,62	1,72	4412,5671	4193,0311	6729,3089
		0,6319	25,88	27,62	1,74	4463,8760	4244,3400	6716,7907
		0,6291	25,87	27,60	1,73	4438,2216	4218,6856	6705,9062
8	Tempurung Kelapa 50 % Tongkol Jagung 50 % P. 500 Psi	0,6286	25,89	27,63	1,74	4463,8760	4244,3400	6752,0522
		0,6252	25,86	27,58	1,72	4412,5671	4193,0311	6706,7036
		0,6234	25,85	27,58	1,73	4438,2216	4218,6856	6767,2210
9	Tempurung Kelapa 50 % Tongkol Jagung 50 % P. 750 Psi	0,6230	25,87	27,60	1,73	4438,2216	4218,6856	6771,5659
		0,6219	25,90	27,62	1,72	4412,5671	4193,0311	6742,2916
		0,6286	25,89	27,64	1,75	4489,5305	4269,9945	6792,8643

**Keterangan**

A. Berat sampel (gram)	Berat Benang	0,0482	4380	201,476
B. Temperatur awal ( °C)	Berat Kawat	0,0129	1400	18,060
C. Temperatur akhir ( °C)				219,536
D. Selisih suhu ( °C)				
E. Kapasitas kalori total (kalori)				
F. Kapasitas kalori terkoreksi ( kalori )				
G. Nilai kalori sampel/briket (kalori/gram)				

**HASIL UJI PROKSIMATE DAN NILAI KALORI  
BRIKET TEMPURUNG KELAPA DAN TONGKOL JAGUNG**

No	Bahan	Kadar Air	Kadar Volatile Matter	Kadar Abu	Kadar Karbon Terikat	Nilai Kalori (Kcal/g)
		( % )	( % )	( % )	( % )	
1	Tempurung Kelapa 70 %	5,0905	12,5378	4,3860	77,9856	6906,5108
	Tongkol Jagung 30 %	5,1420	12,6250	4,4739	77,7591	6931,8522
	P. 250 Psi	4,9878	12,4720	4,4507	78,0894	6926,2757
2	Tempurung Kelapa 70 %	4,7055	12,3365	4,4990	78,4590	6975,5933
	Tongkol Jagung 30 %	4,9936	12,2915	4,4508	78,2641	6933,2211
	P. 500 Psi	4,8263	12,3354	4,6431	78,1952	6946,0941
3	Tempurung Kelapa 70 %	4,4626	12,1842	4,7647	78,5884	6943,9009
	Tongkol Jagung 30 %	4,6988	11,9133	4,6492	78,7387	6972,2951
	P. 750 Psi	4,5551	12,0843	4,5502	78,8104	6998,3890
4	Tempurung Kelapa 60 %	5,7045	13,6034	4,8903	75,8018	6836,9894
	Tongkol Jagung 40 %	5,8593	13,4175	4,9430	75,7801	6847,8383
	P. 250 Psi	5,9398	13,3720	5,0226	75,6656	6808,4188
5	Tempurung Kelapa 60 %	5,6672	13,1756	5,1079	76,0493	6844,9965
	Tongkol Jagung 40 %	5,5765	13,1673	5,0308	76,2254	6869,7759
	P. 500 Psi	5,4124	13,2082	5,0698	76,3096	6879,1864
6	Tempurung Kelapa 60 %	4,9240	12,9093	5,2113	76,9555	6894,6899
	Tongkol Jagung 40 %	5,0506	12,9114	5,2785	76,7595	6846,6171
	P. 750 Psi	4,8160	13,0232	5,1984	76,9624	6935,6187
7	Tempurung Kelapa 50 %	6,8238	14,0685	5,7888	73,3188	6729,3069
	Tongkol Jagung 50 %	6,8205	13,9969	5,8073	73,3752	6716,7907
	P. 250 Psi	6,7436	14,1562	5,8815	73,2187	6705,9062
8	Tempurung Kelapa 50 %	6,5588	13,6321	5,9257	73,8834	6752,0522
	Tongkol Jagung 50 %	6,6848	13,4193	6,0947	73,8011	6706,7036
	P. 500 Psi	6,6892	13,5073	5,9746	73,8289	6767,2210
9	Tempurung Kelapa 50 %	6,0114	13,1844	6,1355	74,6687	6771,5659
	Tongkol Jagung 50 %	6,0632	13,1791	6,0334	74,7244	6742,2936
	P. 750 Psi	6,1248	13,2662	6,1793	74,4297	6792,8643

**HASIL UJI PROXIMATE DAN NILAI KALORI  
BIKET TEMPURUNG KELAPA DAN TONGKOL JAGUNG**

NO	BAHAN	A	B	C	D	E	F	G	H	I	J
1	Tempurung Kelapa 70 %	2,0155	1,9129	0,1026	5,0905	1,6602	0,2527	12,5378	0,0884	4,3860	77,9856
	Tongkol Jagung 30 %	2,0206	1,9167	0,1039	5,1420	1,6636	0,2551	12,6250	0,0904	4,4739	77,7591
	P. 250 Psi	2,0109	1,9106	0,1003	4,9878	1,6598	0,2508	12,4720	0,0895	4,4507	78,0894
2	Tempurung Kelapa 70 %	2,0338	1,9381	0,0957	4,7055	1,6671	0,2509	12,3365	0,0915	4,4990	78,4090
	Tongkol Jagung 30 %	2,0266	1,9254	0,1012	4,9936	1,6761	0,2491	12,2915	0,0902	4,4508	78,3641
	P. 500 Psi	2,0202	1,9227	0,0975	4,8269	1,6735	0,2492	12,3394	0,0938	4,6431	78,1952
3	Tempurung Kelapa 70 %	2,0190	1,9289	0,0901	4,4626	1,6829	0,2460	12,1842	0,0962	4,7647	78,5884
	Tongkol Jagung 30 %	2,0154	1,9207	0,0947	4,6988	1,6806	0,2401	11,9133	0,0937	4,6452	78,7387
	P. 750 Psi	2,0175	1,9256	0,0919	4,5551	1,6818	0,2438	12,0845	0,0918	4,5502	78,8104
4	Tempurung Kelapa 60 %	2,0142	1,8993	0,1149	5,7045	1,6253	0,2740	13,6034	0,0985	4,8903	75,8018
	Tongkol Jagung 40 %	2,0190	1,9007	0,1183	5,8993	1,6298	0,2709	13,4175	0,0998	4,9430	75,7801
	P. 250 Psi	2,0169	1,8971	0,1198	5,9398	1,6274	0,2697	13,3720	0,1013	5,0226	75,6656
5	Tempurung Kelapa 60 %	2,0204	1,9058	0,1145	5,6672	1,6397	0,2662	13,1756	0,1032	5,1079	76,0493
	Tongkol Jagung 40 %	2,0156	1,9032	0,1124	5,5765	1,6378	0,2654	13,1673	0,1014	5,0908	76,2254
	P. 500 Psi	2,0139	1,9049	0,1090	5,4124	1,6389	0,2660	13,1082	0,1021	5,0638	76,3096
6	Tempurung Kelapa 60 %	2,0187	1,9193	0,0994	4,8240	1,6587	0,2606	12,9093	0,1052	5,2113	76,9555
	Tongkol Jagung 40 %	2,0176	1,9157	0,1019	5,0506	1,6552	0,2605	12,9114	0,1005	5,2785	76,7595
	P. 750 Psi	2,0141	1,9171	0,0970	4,8160	1,6548	0,2623	13,0232	0,1047	5,1984	76,9624
7	Tempurung Kelapa 50 %	2,0194	1,8816	0,1378	6,8238	1,5975	0,2841	14,0685	0,1169	5,7888	73,3188
	Tongkol Jagung 50 %	2,0233	1,8853	0,1380	6,8205	1,6021	0,2832	13,9969	0,1175	5,8073	73,3752
	P. 250 Psi	2,0182	1,8821	0,1361	6,7436	1,5964	0,2857	14,1562	0,1187	5,8815	73,2187

NO	BAHAN	A	B	C	D	E	F	G	H	I	J
8	Tempurung Kelapa 50 %	2,0217	1,8891	0,1326	6,5188	1,6135	0,2794	13,6321	0,1190	5,9257	73,8834
	Tongkol Jagung 50 %	2,0185	1,8817	0,1348	6,6848	1,6111	0,2796	13,4189	0,1229	6,0947	73,8011
	P. 500 Psi	2,0152	1,8904	0,1348	6,6892	1,6082	0,2722	13,5079	0,1204	5,9746	73,8289
9	Tempurung Kelapa 50 %	2,0145	1,8934	0,1211	6,8134	1,6278	0,2654	13,1844	0,1236	6,1355	74,6687
	Tongkol Jagung 50 %	2,0138	1,8917	0,1221	6,9632	1,6263	0,2654	13,1791	0,1215	6,0334	74,7244
	P. 750 Psi	2,0164	1,8929	0,1235	6,1768	1,6254	0,2675	13,2662	0,1246	6,1793	74,4297

#### Keterangan

- Berat awal Bahan (gram)
- Berat bahan setelah dipanasi selama 2 jam pada suhu 100°C - 105°C (gram)
- Berat Air yang hilang (gram)
- Presentasi kadar air (%)
- Berat bahan setelah dipanasi selama 15 menit pada suhu 500°C - 950°C (gram)
- Berat zat volatil yang hilang (gram)
- Presentasi kadar volatil matter (%)
- Berat bahan setelah dipanasi selama 2,5 jam pada suhu 720°C - 750°C (gram)
- Kadar abu (%)
- Kadar Karbon Terikat (%)