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LAMPIRAN

Lampiran 1. Kerapatan Papan Partikel

Kode sampel	BKU (g)	P (cm)	L (cm)	T (cm)	V (cm³)	Kr (g/cm³)	Rata-rata (g/cm³)
KL1A	44.68	10.111	10.109	0.753	76.927	0.581	0.627
KL2A	52.13	10.139	10.152	0.758	78.060	0.668	
KL3A	47.21	10.121	10.135	0.728	74.712	0.632	
KL1B	43.55	10.070	10.078	0.732	74.252	0.587	0.573
KL2B	40.50	10.119	10.118	0.761	77.899	0.520	
KL3B	46.31	10.136	10.162	0.736	75.751	0.611	
KB1A	47.61	10.132	10.138	0.772	79.244	0.601	0.604
KB2A	46.04	10.149	10.091	0.734	75.135	0.613	
KB3A	44.08	10.124	10.126	0.718	73.648	0.599	
KB1B	43.24	10.102	10.086	0.720	73.394	0.589	0.612
KB2B	47.87	10.139	10.143	0.761	78.248	0.612	
KB3B	48.53	10.140	10.117	0.745	76.465	0.635	
APL1A	46.92	10.214	10.192	0.687	71.519	0.656	0.653
APL2A	49.55	10.194	10.205	0.724	75.342	0.658	
APL3A	49.54	10.061	10.046	0.758	76.632	0.646	
APL1B	54.30	10.180	10.182	0.700	72.574	0.748	0.741
APL2B	51.97	10.150	10.135	0.723	74.357	0.699	
APL3B	55.03	10.054	10.050	0.703	71.042	0.775	
APB1A	56.04	10.120	10.129	0.706	72.377	0.774	0.700
APB2A	48.99	10.049	10.043	0.715	72.162	0.679	
APB3A	49.41	10.044	10.042	0.757	76.303	0.648	
APB1B	53.90	10.045	10.046	0.679	68.507	0.787	0.785
APB2B	60.68	10.044	10.051	0.716	72.255	0.840	
APB3B	55.47	10.051	10.050	0.754	76.112	0.729	
NL1A	43.35	10.190	10.189	0.686	71.182	0.609	0.615
NL2A	45.08	10.200	10.030	0.676	69.107	0.652	
NL3A	40.93	10.188	10.200	0.676	70.277	0.582	
NL1B	47.85	10.161	10.210	0.667	69.217	0.691	0.629
NL2B	50.66	10.142	10.161	0.772	79.543	0.637	
NL3B	45.28	10.147	10.153	0.786	81.012	0.559	
NB1A	47.10	10.138	10.144	0.748	76.873	0.613	0.671
NB2A	50.96	10.136	10.147	0.715	73.507	0.693	
NB3A	55.12	10.215	10.144	0.753	77.985	0.707	
NB1B	53.98	10.127	10.119	0.702	71.967	0.750	0.716
NB2B	49.69	10.132	10.128	0.693	71.134	0.699	
NB3B	51.49	10.138	10.143	0.718	73.777	0.698	

Lampiran 2. Kadar Air Papan Partikel

Kode sampel	BKU (g)	BKT (g)	KA (%)	Rata-rata (%)
KL1A	44.68	41.40	7.92	8.42
KL2A	52.13	48.26	8.02	
KL3A	47.21	43.19	9.31	
KL1B	43.55	40.26	8.17	8.85
KL2B	40.50	37.30	8.58	
KL3B	46.31	42.18	9.79	
KB1A	47.61	43.66	9.05	9.15
KB2A	46.04	42.32	8.79	
KB3A	44.08	40.21	9.62	
KB1B	43.24	40.21	7.54	8.19
KB2B	47.87	43.99	8.82	
KB3B	48.53	44.85	8.21	
APL1A	46.92	43.14	8.76	8.71
APL2A	49.55	45.63	8.59	
APL3A	49.54	45.54	8.78	
APL1B	54.30	50.07	8.45	8.14
APL2B	51.97	48.02	8.23	
APL3B	55.03	51.07	7.75	
APB1A	56.04	52.22	7.32	7.70
APB2A	48.99	45.52	7.62	
APB3A	49.41	45.68	8.17	
APB1B	53.90	49.50	8.89	8.15
APB2B	60.68	56.54	7.32	
APB3B	55.47	51.25	8.23	
NL1A	43.35	39.64	9.36	9.88
NL2A	45.08	41.06	9.79	
NL3A	40.93	37.04	10.50	
NL1B	47.85	43.27	10.58	10.73
NL2B	50.66	45.55	11.22	
NL3B	45.28	41.02	10.39	
NB1A	47.10	42.58	10.62	10.88
NB2A	50.96	45.96	10.88	
NB3A	55.12	49.59	11.15	
NB1B	53.98	49.73	8.55	9.01
NB2B	49.69	45.54	9.11	
NB3B	51.49	47.08	9.37	

Lampiran 3. Daya Serap Air Papan Partikel

Kode sampel	0 jam	2 jam	24 jam	DSA 2 jam	Rata-rata DSA 2 jam	DSA 24 jam	Rata-rata DSA 24 jam
	B1 (g)	B2 (g)	B3 (g)				
KL1A	12.39	17.05	17.71	37.61	39.18	42.94	44.59
KL2A	13.78	19.30	20.28	40.06		47.17	
KL3A	14.15	19.79	20.33	39.86		43.67	
KL1B	12.58	19.12	20.21	51.99	50.90	60.65	61.68
KL2B	13.84	21.05	22.08	52.10		59.54	
KL3B	13.31	19.78	21.94	48.61		64.84	
KB1A	14.50	22.75	22.30	56.90	55.36	53.79	57.36
KB2A	16.65	25.16	26.31	51.11		58.02	
KB3A	14.60	23.08	23.40	58.08		60.27	
KB1B	15.65	22.07	23.98	41.02	43.75	53.23	55.60
KB2B	14.30	21.01	22.73	46.92		58.95	
KB3B	14.96	21.44	23.13	43.32		54.61	
APL1A	12.05	16.41	17.09	36.18	37.59	41.83	42.89
APL2A	12.88	17.99	18.29	39.67		42.00	
APL3A	12.24	16.76	17.73	36.93		44.85	
APL1B	12.91	17.16	17.92	32.92	32.38	38.81	37.93
APL2B	13.19	17.88	18.52	35.56		40.41	
APL3B	14.09	18.13	18.96	28.67		34.56	
APB1A	13.67	18.16	19.25	32.85	34.14	40.82	39.01
APB2A	13.15	17.98	18.08	36.73		37.49	
APB3A	11.54	15.33	16.01	32.84		38.73	
APB1B	13.36	16.34	17.57	22.31	27.16	31.51	33.53
APB2B	15.32	19.91	20.96	29.96		36.81	
APB3B	14.69	18.98	19.43	29.20		32.27	
NL1A	14.30	24.41	30.00	70.70	74.69	109.79	106.35
NL2A	12.96	22.79	26.23	75.85		102.39	
NL3A	13.57	24.09	28.07	77.52		106.85	
NL1B	13.25	23.12	25.12	74.49	73.76	89.58	91.20
NL2B	13.67	24.08	25.98	76.15		90.05	
NL3B	12.40	21.16	24.05	70.65		93.95	
NB1A	13.30	20.12	20.58	51.28	49.99	54.74	53.17
NB2A	11.78	17.67	18.12	50.00		53.82	
NB3A	14.25	21.19	21.51	48.70		50.95	
NB1B	12.85	21.36	24.53	66.23	62.67	90.89	87.97
NB2B	14.30	22.98	26.80	60.70		87.41	
NB3B	13.00	20.94	24.13	61.08		85.62	

Lampiran 4. Pengembangan Tebal Papan Partikel

Kode sampel	T1 (cm) 0 jam	T1 (cm) 2 jam	T1 (cm) 24 jam	PT 2 jam (%)	Rata-rata PT 2 jam (%)	PT 24 jam (%)	Rata-rata PT 24 jam (%)
KL1A	0.707	0.753	0.800	6.39	5.63	13.12	12.55
KL2A	0.717	0.753	0.809	4.97		12.87	
KL3A	0.763	0.805	0.852	5.55		11.65	
KL1B	0.673	0.702	0.757	4.29	5.13	12.54	11.85
KL2B	0.647	0.687	0.724	6.18		11.96	
KL3B	0.708	0.743	0.786	4.90		11.03	
KB1A	0.676	0.718	0.775	6.23	7.32	14.67	14.08
KB2A	0.695	0.754	0.789	8.45		13.48	
KB3A	0.698	0.748	0.796	7.28		14.09	
KB1B	0.702	0.750	0.799	6.76	6.87	13.71	13.39
KB2B	0.696	0.742	0.782	6.59		12.34	
KB3B	0.699	0.750	0.798	7.25		14.11	
APL1A	0.739	0.787	0.841	6.51	6.06	13.77	13.35
APL2A	0.707	0.753	0.803	6.40		13.56	
APL3A	0.669	0.704	0.754	5.27		12.72	
APL1B	0.704	0.738	0.796	4.89	5.52	13.13	12.65
APL2B	0.742	0.787	0.833	6.11		12.31	
APL3B	0.679	0.717	0.764	5.55		12.52	
APB1A	0.712	0.742	0.802	4.20	5.32	12.73	12.14
APB2A	0.700	0.736	0.791	5.11		12.99	
APB3A	0.719	0.767	0.796	6.65		10.70	
APB1B	0.733	0.759	0.813	3.53	4.57	10.93	11.50
APB2B	0.719	0.757	0.807	5.30		12.27	
APB3B	0.732	0.767	0.814	4.88		11.29	
NL1A	0.753	0.817	0.863	8.51	8.72	14.57	14.99
NL2A	0.651	0.716	0.753	10.03		15.64	
NL3A	0.749	0.806	0.860	7.62		14.75	
NL1B	0.715	0.773	0.822	8.09	7.57	14.96	14.05
NL2B	0.688	0.739	0.776	7.46		12.82	
NL3B	0.657	0.704	0.751	7.16		14.36	
NB1A	0.689	0.746	0.781	8.35	8.32	13.49	14.19
NB2A	0.703	0.757	0.806	7.79		14.77	
NB3A	0.749	0.815	0.856	8.83		14.30	
NB1B	0.758	0.816	0.855	7.68	7.86	12.87	13.47
NB2B	0.728	0.777	0.826	6.70		13.44	
NB3B	0.714	0.780	0.815	9.19		14.09	

Lampiran 5. Pengembangan Linier Papan Partikel

Kode sampel	P (cm) 0 jam	P(cm) 2 jam	P (cm) 24 jam	PL 2 jam (%)	Rata-rata PL 2 jam (%)	PL 24 jam (%)	Rata-rata PL 24 jam (%)
KL1A	5.08	5.13	5.14	0.95	0.91	1.20	1.29
KL2A	5.07	5.12	5.15	0.98		1.43	
KL3A	5.07	5.11	5.13	0.80		1.24	
KL1B	5.02	5.08	5.11	1.16	1.06	1.66	1.56
KL2B	5.03	5.08	5.11	1.01		1.60	
KL3B	5.07	5.12	5.14	1.01		1.42	
KB1A	5.06	5.13	5.16	1.32	1.26	1.85	1.72
KB2A	5.07	5.14	5.16	1.24		1.66	
KB3A	5.10	5.17	5.19	1.21		1.67	
KB1B	5.03	5.09	5.11	1.19	1.12	1.58	1.53
KB2B	5.02	5.08	5.09	1.18		1.42	
KB3B	5.02	5.07	5.10	1.00		1.58	
APL1A	5.08	5.12	5.14	0.95	0.84	1.33	1.25
APL2A	5.07	5.11	5.14	0.74		1.25	
APL3A	5.07	5.11	5.13	0.83		1.17	
APL1B	5.08	5.13	5.16	0.98	1.03	1.41	1.41
APL2B	5.07	5.12	5.13	1.07		1.30	
APL3B	5.07	5.12	5.15	1.05		1.53	
APB1A	5.06	5.10	5.13	0.84	0.96	1.35	1.34
APB2A	5.07	5.12	5.14	1.12		1.43	
APB3A	5.07	5.11	5.13	0.91		1.23	
APB1B	5.08	5.15	5.16	1.27	1.11	1.47	1.45
APB2B	5.05	5.10	5.13	0.96		1.50	
APB3B	5.07	5.13	5.14	1.09		1.37	
NL1A	5.13	5.19	5.21	1.02	1.04	1.40	1.47
NL2A	5.01	5.07	5.10	1.13		1.68	
NL3A	5.09	5.14	5.16	0.96		1.34	
NL1B	5.08	5.14	5.16	1.18	1.22	1.53	1.62
NL2B	5.09	5.15	5.17	1.19		1.58	
NL3B	5.06	5.13	5.15	1.27		1.74	
NB1A	5.09	5.15	5.16	1.25	1.18	1.49	1.60
NB2A	5.10	5.16	5.19	1.10		1.67	
NB3A	5.04	5.10	5.12	1.19		1.63	
NB1B	5.07	5.14	5.16	1.33	1.31	1.70	1.77
NB2B	5.08	5.14	5.17	1.23		1.83	
NB3B	5.07	5.14	5.16	1.37		1.78	

Lampiran 6. Keteguhan Rekat (*Internal Bond*)

Kode sampel	P (cm)	L (cm)	P max (kgf)	A (cm²)	IB (kgf/cm²)	Rata-rata IB (kgf/cm²)
KL1A	5.15	5.14	32	26.43	1.21	1.15
KL2A	5.18	5.05	30	26.16	1.15	
KL3A	5.18	5.08	29	26.32	1.10	
KL1B	5.11	5.12	35	26.16	1.34	1.30
KL2B	5.12	5.13	32	26.22	1.22	
KL3B	5.10	5.12	35	26.11	1.34	
KB1A	5.15	5.17	40	26.66	1.50	1.51
KB2A	5.15	5.15	42	26.53	1.58	
KB3A	5.15	5.15	38	26.54	1.43	
KB1B	5.13	5.12	35	26.26	1.33	1.31
KB2B	5.14	5.15	33	26.48	1.25	
KB3B	5.12	5.16	36	26.40	1.36	
APL1A	5.13	5.07	39	26.01	1.50	1.37
APL2A	5.20	5.18	36	26.93	1.34	
APL3A	5.15	5.15	34	26.55	1.28	
APL1B	5.04	5.10	45	25.70	1.75	1.78
APL2B	5.14	5.14	46	26.41	1.74	
APL3B	5.15	5.14	49	26.49	1.85	
APB1A	5.16	5.15	48	26.54	1.81	1.68
APB2A	5.15	5.18	45	26.69	1.69	
APB3A	5.14	5.14	41	26.45	1.55	
APB1B	5.16	5.17	52	26.71	1.95	1.84
APB2B	5.16	5.16	47	26.61	1.77	
APB3B	5.15	5.15	48	26.52	1.81	
NL1A	5.13	5.15	33	26.42	1.25	1.27
NL2A	5.12	5.11	32	26.15	1.22	
NL3A	5.12	5.15	35	26.36	1.33	
NL1B	5.17	5.16	33	26.63	1.24	1.24
NL2B	5.12	5.13	35	26.29	1.33	
NL3B	5.12	5.11	30	26.13	1.15	
NB1A	5.15	5.16	44	26.56	1.66	1.57
NB2A	5.16	5.16	39	26.58	1.47	
NB3A	5.15	5.15	42	26.51	1.58	
NB1B	5.10	5.12	34	26.14	1.30	1.35
NB2B	5.15	5.15	40	26.48	1.51	
NB3B	5.10	5.11	32	26.04	1.23	

Lampiran 7. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Kerapatan Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: Kerapatan

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis 15.704	1	15.704	36168.238	.000
	Error .002	4	.000 ^a		
Pelepah	Hypothesis .016	1	.016	36.468	.004
	Error .002	4	.000 ^a		
Pelepah * ulangan	Hypothesis .002	4	.000	.182	.941
	Error .019	8	.002 ^b		
Perendaman	Hypothesis .081	2	.040	16.957	.001
	Error .019	8	.002 ^b		
Pelepah * Perendaman	Hypothesis .006	2	.003	1.277	.330
	Error .019	8	.002 ^b		
Pelepah * Perendaman * ulangan	Hypothesis .019	8	.002	1.157	.396
	Error .025	12	.002 ^c		
Oksidasi	Hypothesis .009	1	.009	4.157	.064
	Error .025	12	.002 ^c		
Pelepah * Oksidasi	Hypothesis .002	1	.002	.976	.343
	Error .025	12	.002 ^c		
Perendaman * Oksidasi	Hypothesis .018	2	.009	4.370	.038
	Error .025	12	.002 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis .002	2	.001	.377	.694
	Error .025	12	.002 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Kerapatan Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset		
		1	2	3
tanpa perendaman	12	.60400		
NaOH	12		.65750	
air panas	12			.71992
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .002.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 8. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Kadar Air Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Air

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis	2906.108	1	2906.108	7097.687	.000
	Error	1.638	4	.409 ^a		
Pelepah	Hypothesis	.675	1	.675	1.649	.268
	Error	1.638	4	.409 ^a		
Pelepah * ulangan	Hypothesis	1.638	4	.409	1.111	.415
	Error	2.948	8	.368 ^b		
Perendaman	Hypothesis	24.831	2	12.416	33.695	.000
	Error	2.948	8	.368 ^b		
Pelepah * Perendaman	Hypothesis	.473	2	.237	.642	.551
	Error	2.948	8	.368 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	2.948	8	.368	1.674	.203
	Error	2.641	12	.220 ^c		
Oksidasi	Hypothesis	.708	1	.708	3.219	.098
	Error	2.641	12	.220 ^c		
Pelepah * Oksidasi	Hypothesis	2.408	1	2.408	10.940	.006
	Error	2.641	12	.220 ^c		
Perendaman * Oksidasi	Hypothesis	.307	2	.153	.697	.517
	Error	2.641	12	.220 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	5.362	2	2.681	12.182	.001
	Error	2.641	12	.220 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Kadar Air Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset	
		1	2
air panas	12	8.1758	
tanpa perendaman	12	8.6517	
NaOH	12		10.1267
Sig.		.069	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .220.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 9. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Daya Serap Air 2 Jam Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: DSA_2jam

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis	84559.793	1	84559.793	10640.527	.000
	Error	31.788	4	7.947 ^a		
Pelepah	Hypothesis	313.821	1	313.821	39.489	.003
	Error	31.788	4	7.947 ^a		
Pelepah * ulangan	Hypothesis	31.788	4	7.947	1.016	.454
	Error	62.594	8	7.824 ^b		
Perendaman	Hypothesis	6346.746	2	3173.373	405.584	.000
	Error	62.594	8	7.824 ^b		
Pelepah * Perendaman	Hypothesis	764.670	2	382.335	48.866	.000
	Error	62.594	8	7.824 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	62.594	8	7.824	.913	.537
	Error	102.819	12	8.568 ^c		
Oksidasi	Hypothesis	.027	1	.027	.003	.956
	Error	102.819	12	8.568 ^c		
Pelepah * Oksidasi	Hypothesis	33.082	1	33.082	3.861	.073
	Error	102.819	12	8.568 ^c		
Perendaman * Oksidasi	Hypothesis	215.037	2	107.519	12.549	.001
	Error	102.819	12	8.568 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	516.398	2	258.199	30.135	.000
	Error	102.819	12	8.568 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Daya Serap Air 2 Jam Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset		
		1	2	3
air panas	12	32.8183		
tanpa perendaman	12		47.2983	
NaOH	12			65.2792
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 8.568.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 10. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Daya Serap Air 24 Jam Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: DSA_24jam

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	
Intercept	Hypothesis	126476.253	1	126476.253	37078.423	.000
	Error	13.644	4	3.411 ^a		
Pelepah	Hypothesis	840.517	1	840.517	246.410	.000
	Error	13.644	4	3.411 ^a		
Pelepah * ulangan	Hypothesis	13.644	4	3.411	.416	.793
	Error	65.628	8	8.204 ^b		
Perendaman	Hypothesis	13237.336	2	6618.668	806.806	.000
	Error	65.628	8	8.204 ^b		
Pelepah * Perendaman	Hypothesis	1629.550	2	814.775	99.320	.000
	Error	65.628	8	8.204 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	65.628	8	8.204	1.051	.452
	Error	93.630	12	7.802 ^c		
Oksidasi	Hypothesis	150.348	1	150.348	19.269	.001
	Error	93.630	12	7.802 ^c		
Pelepah * Oksidasi	Hypothesis	233.937	1	233.937	29.982	.000
	Error	93.630	12	7.802 ^c		
Perendaman * Oksidasi	Hypothesis	397.270	2	198.635	25.458	.000
	Error	93.630	12	7.802 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	1904.162	2	952.081	122.023	.000
	Error	93.630	12	7.802 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Daya Serap Air 24 Jam Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset		
		1	2	3
air panas	12	38.3408		
tanpa perendaman	12		54.8067	
NaOH	12			84.6700
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 7.802.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 11. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Pengembangan Tebal 2 Jam Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: PT_2jam

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis	1555.645	1	1555.645	932.824	.000
	Error	6.671	4	1.668 ^a		
Pelepah	Hypothesis	.664	1	.664	.398	.562
	Error	6.671	4	1.668 ^a		
Pelepah * ulangan	Hypothesis	6.671	4	1.668	3.187	.076
	Error	4.186	8	.523 ^b		
Perendaman	Hypothesis	47.446	2	23.723	45.337	.000
	Error	4.186	8	.523 ^b		
Pelepah * Perendaman	Hypothesis	10.285	2	5.143	9.828	.007
	Error	4.186	8	.523 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	4.186	8	.523	.756	.646
	Error	8.301	12	.692 ^c		
Oksidasi	Hypothesis	3.757	1	3.757	5.432	.038
	Error	8.301	12	.692 ^c		
Pelepah * Oksidasi	Hypothesis	.072	1	.072	.104	.753
	Error	8.301	12	.692 ^c		
Perendaman * Oksidasi	Hypothesis	.158	2	.079	.115	.893
	Error	8.301	12	.692 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	.313	2	.156	.226	.801
	Error	8.301	12	.692 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Pengembangan Tebal 2 Jam Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset	
		1	2
air panas	12	5.3667	
tanpa perendaman	12	6.2367	
NaOH	12		8.1175
Sig.		.060	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .692.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 12. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Pengembangan Tebal 24 Jam Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: PT_24jam

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	6255.492	1	6255.492	11244.705	.000
Pelepah	.112	1	.112	.202	.677
Pelepah * ulangan	2.225	4	.556 ^a	.626	.657
Perendaman	19.475	2	9.737	10.955	.005
Pelepah * Perendaman	12.616	2	6.308	7.097	.017
Pelepah * Perendaman * ulangan	7.111	8	.889 ^b	2.029	.130
Oksidasi	4.833	1	4.833	11.032	.006
Pelepah * Oksidasi	.020	1	.020	.046	.834
Perendaman * Oksidasi	.044	2	.022	.050	.951
Pelepah * Perendaman * Oksidasi	.018	2	.009	.021	.979
	5.257	12	.438 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Pengembangan Tebal 24 Jam Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset	
		1	2
air panas	12	12.4100	
tanpa perendaman	12	12.9642	
NaOH	12		14.1717
Sig.		.142	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .438.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 13. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Pengembangan Linier 2 Jam Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: PL_2jam

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis	42.424	1	42.424	6334.494	.000
	Error	.027	4	.007 ^a		
Pelepah	Hypothesis	.176	1	.176	26.339	.007
	Error	.027	4	.007 ^a		
Pelepah * ulangan	Hypothesis	.027	4	.007	1.076	.429
	Error	.050	8	.006 ^b		
Perendaman	Hypothesis	.242	2	.121	19.452	.001
	Error	.050	8	.006 ^b		
Pelepah * Perendaman	Hypothesis	.020	2	.010	1.603	.260
	Error	.050	8	.006 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	.050	8	.006	.513	.825
	Error	.146	12	.012 ^c		
Oksidasi	Hypothesis	.111	1	.111	9.164	.011
	Error	.146	12	.012 ^c		
Pelepah * Oksidasi	Hypothesis	.035	1	.035	2.874	.116
	Error	.146	12	.012 ^c		
Perendaman * Oksidasi	Hypothesis	.048	2	.024	1.981	.181
	Error	.146	12	.012 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	.028	2	.014	1.171	.343
	Error	.146	12	.012 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Pengembangan Linier 2 Jam Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset	
		1	2
air panas	12	.9842	
tanpa perendaman	12	1.0875	1.0875
NaOH	12		1.1850
Sig.		.095	.117

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .012.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 14. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Pengembangan Linier 24 Jam Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: PL_24jam

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis	81.060	1	81.060	16033.848	.000
	Error	.020	4	.005 ^a		
Pelepah	Hypothesis	.160	1	.160	31.648	.005
	Error	.020	4	.005 ^a		
Pelepah * ulangan	Hypothesis	.020	4	.005	.298	.871
	Error	.136	8	.017 ^b		
Perendaman	Hypothesis	.394	2	.197	11.614	.004
	Error	.136	8	.017 ^b		
Pelepah * Perendaman	Hypothesis	.030	2	.015	.891	.447
	Error	.136	8	.017 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	.136	8	.017	1.559	.235
	Error	.131	12	.011 ^c		
Oksidasi	Hypothesis	.109	1	.109	10.006	.008
	Error	.131	12	.011 ^c		
Pelepah * Oksidasi	Hypothesis	.061	1	.061	5.591	.036
	Error	.131	12	.011 ^c		
Perendaman * Oksidasi	Hypothesis	.026	2	.013	1.195	.336
	Error	.131	12	.011 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	.108	2	.054	4.945	.027
	Error	.131	12	.011 ^c		

a. MS(Pelepah * ulangan)

b. MS(Pelepah * Perendaman * ulangan)

c. MS(Error)

Pengembangan Linier 24 Jam Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset	
		1	2
air panas	12	1.3617	
tanpa perendaman	12		1.5258
NaOH	12		1.6142
Sig.		1.000	.137

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .011.

a. Uses Harmonic Mean Sample Size = 12.000.

b. Alpha = 0.05.

Lampiran 15. Tabel Analisis Ragam Pengaruh Perlakuan Pendahuluan terhadap Keteguhan Rekat Papan Partikel

Tests of Between-Subjects Effects

Dependent Variable: Keteguhan_rekat

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	Hypothesis	75.458	1	75.458	8147.854	.000
	Error	.037	4	.009 ^a		
Pelepah	Hypothesis	.329	1	.329	35.494	.004
	Error	.037	4	.009 ^a		
Pelepah * ulangan	Hypothesis	.037	4	.009	2.262	.151
	Error	.033	8	.004 ^b		
Perendaman	Hypothesis	.898	2	.449	109.625	.000
	Error	.033	8	.004 ^b		
Pelepah * Perendaman	Hypothesis	.001	2	.000	.111	.897
	Error	.033	8	.004 ^b		
Pelepah * Perendaman * ulangan	Hypothesis	.033	8	.004	.372	.916
	Error	.132	12	.011 ^c		
Oksidasi	Hypothesis	.019	1	.019	1.699	.217
	Error	.132	12	.011 ^c		
Pelepah * Oksidasi	Hypothesis	.152	1	.152	13.834	.003
	Error	.132	12	.011 ^c		
Perendaman * Oksidasi	Hypothesis	.270	2	.135	12.299	.001
	Error	.132	12	.011 ^c		
Pelepah * Perendaman * Oksidasi	Hypothesis	.008	2	.004	.343	.716
	Error	.132	12	.011 ^c		

- a. MS(Pelepah * ulangan)
- b. MS(Pelepah * Perendaman * ulangan)
- c. MS(Error)

Keteguhan Rekat Papan Partikel

Tukey HSD^{a,b}

Perendaman	N	Subset	
		1	2
tanpa perendaman	12	1.3175	
NaOH	12	1.3558	
air panas	12		1.6700
Sig.		.653	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = .011.

- a. Uses Harmonic Mean Sample Size = 12.000.
- b. Alpha = 0.05.

Lampiran 16. Dokumentasi Pengambilan Sampel dan Persiapan Bahan



(pelepah nipah)



(pengupasan kulit pelepah nipah)



(pemotongan pelepah menjadi serpilh)



(penjemuran serpilh pelepah nipah)

Lampiran 17. Perlakuan Pendahuluan dan Uji Kelarutan Zat Ekstraktif



(perendaman partikel pelepah nipah pada air panas selama 3 jam)



(pengujian kelarutan zat ekstraktif)

Lampiran 18. Papan Partikel Pelepah Nipah



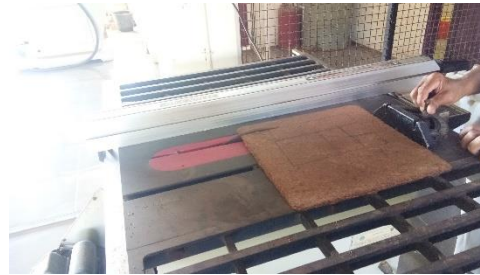
(proses oksidasi)



(pencetakan papan partikel)



(papan partikel pelepah nipah)



(pemotongan papan partikel)