

LAMPIRAN

Lampiran 1.1 Data Hasil Pengujian Gramasi Kain Greige

No	Pengujian Gramasi					
	Penyetelan Tension					
	4	6	8	12	16	20
1	142	145	138	136	136	142
2	134	141	134	134	136	139
3	136	140	138	134	135	139
Σ	412	426	410	404	407	420
X	137,33	142	136,66	134,66	135,66	140
SD	4,16	2,64	2,3	1,15	0,57	1,73
CV	3,03	1,86	1,68	0,85	0,42	1,23

Lampiran 1.2 Data Hasil Pengujian Kekuatan Jebol

No	Pengujian Kekuatan Jebol					
	Penyetelan Tension					
	4	6	8	12	16	20
1	98,2	86,9	97,7	90,8	94,2	92,1
2	90,9	88,4	99,3	97,7	93,9	88,2
3	93,4	94,4	96,2	96,5	93,1	85,4
4	97,2	89,9	92,9	93,1	85,4	94,3
5	92,2	97,4	95,7	89,1	92,2	92,5
6	93,2	88,2	96,4	93,2	93,2	93,1
Σ	565,1	545,2	578,2	560,4	552	545,6
X	94,18	90,86	96,36667	93,4	92	90,93333
SD	2,88	4,12	2,13	3,27	3,3	3,4
CV	3,05	4,53	2,21	3,5	3,59	3,74

Lampiran 1.3 Data Hasil Pengujian Kekuatan Tarik

Data Hasil penyetelan tension 4				
No	Specimen label	Width (cm)	Load at 30% Elongation [lbf]	Max Elongation [%]
1	Length	7.5	1,7	43,3
2	Length	7.5	1,6	45,3
3	Length	7.5	1,7	43,2
4	Width	7.5	1,4	45,2
5	Width	7.5	1,5	44,2
6	Width	7.5	1,5	44,6
Σ				265,8
x				44,3
S				0,907744457
CV				2,049084554

Data Hasil penyetelan tension pabrik (tension 6)				
No	Specimen label	Width (cm)	Load at 30% Elongation [lbf]	Max Elongation [%]
1	Length	7.5	1,3	47,5
2	Length	7.5	1,6	43,3
3	Length	7.5	1,7	44,2
4	Width	7.5	1,7	44,9
5	Width	7.5	1,5	45,4
6	Width	7.5	1,5	44,8
Σ				270,1
x				45,01666667
S				1,413388364
CV				3,139700179

Data Hasil penyetelan tension 8					
No	Specimen label	Width (cm)	Load at 30% Elongation [lbf]	Max Elongation [%]	
1	Length	7.5	1,2	47,9	
2	Length	7.5	1,4	46,4	
3	Length	7.5	1,2	48,2	
4	Width	7.5	1,2	48,4	
5	Width	7.5	1,6	45,9	
6	Width	7.5	1,6	46,9	
				Σ	283,7
				X	47,2833333
				S	1,0303721
				CV	2,17914438

Data Hasil penyetelan tension 12					
No	Specimen label	Width (cm)	Load at 30% Elongation [lbf]	Max Elongation [%]	
1	Length	7.5	1,4	45,3	
2	Length	7.5	1,6	45,3	
3	Length	7.5	1,5	44,5	
4	Width	7.5	1,7	43,2	
5	Width	7.5	1,5	44,2	
6	Width	7.5	1,7	43,4	
				Σ	265,9
				x	44,31666667
				S	0,902034737
				CV	2,035430019

Data Hasil penyetelan tension 16					
No	Specimen label	Width (cm)	Load at 30% Elongation [lbf]	Max Elongation [%]	
1	Length	7.5	1,5	44,3	
2	Length	7.5	1,6	45,3	
3	Length	7.5	1,7	43,5	
4	Width	7.5	1,7	43,2	
5	Width	7.5	1,4	45,2	
6	Width	7.5	1,5	43,4	
				Σ	264,9
				x	44,15
				S	0,931128348
				CV	2,10901098

Data Hasil penyetelan tension tension 20					
No	Specimen label	Width (cm)	Load at 30% Elongation [lbf]	Max Elongation [%]	
1	Length	7.5	2	41,3	
2	Length	7.5	1,7	42,2	
3	Length	7.5	1,7	43,5	
4	Width	7.5	2	41,3	
5	Width	7.5	1,6	45,2	
6	Width	7.5	1,5	43,4	
				Σ	256,9
				x	42,81666667
				S	1,514485611
				CV	3,537140392

Lampiran 1.4 Data Hasil Pengujian One Way ANOVA

Descriptives

PENGUJIAN GRAMASI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
TENSION 4	3	137.0000	3.60555	2.08167	128.0433	145.9567	134.00	141.00	
TENSION 6	3	142.0000	2.64575	1.52753	135.4276	148.5724	140.00	145.00	
TENSION 8	3	136.6667	2.30940	1.33333	130.9298	142.4035	134.00	138.00	
TENSION 12	3	134.6667	1.15470	.66667	131.7982	137.5351	134.00	136.00	
TENSION 16	3	135.6667	.57735	.33333	134.2324	137.1009	135.00	136.00	
TENSION 20	3	140.0000	1.73205	1.00000	135.6973	144.3027	139.00	142.00	
Total	18	137.6667	3.21760	.75840	136.0666	139.2667	134.00	145.00	
Model									
Fixed Effects			2.23607	.52705	136.5183	138.8150			
Random Effects				1.13529	134.7483	140.5850			6.06667

Test of Homogeneity of Variances

PENGUJIAN GRAMASI

Levene Statistic	df1	df2	Sig.
2.593	5	12	.082

ANOVA

PENGUJIAN GRAMASI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	116.000	5	23.200	4.640	.014
Within Groups	60.000	12	5.000		
Total	176.000	17			

Post Hoc Tests

Homogeneous Subsets

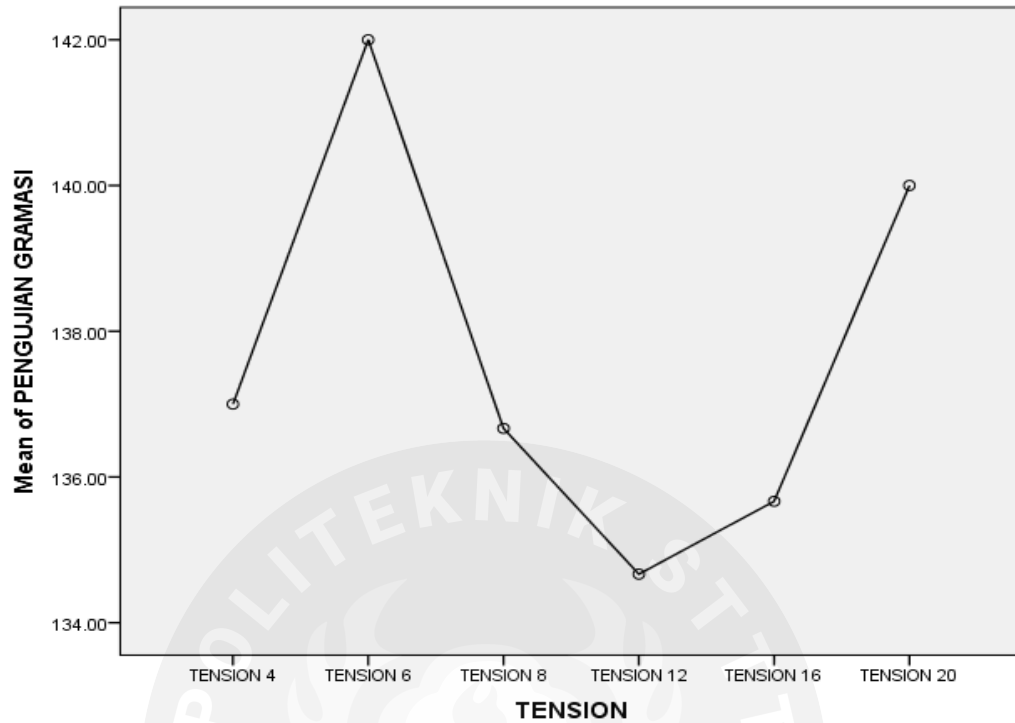
PENGUJIAN GRAMASI

Tukey B^a

TENSION	N	Subset for alpha = 0.05	
		1	2
TENSION 12	3	134.6667	
TENSION 16	3	135.6667	
TENSION 8	3	136.6667	136.6667
TENSION 4	3	137.0000	137.0000
TENSION 20	3	140.0000	140.0000
TENSION 6	3		142.0000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.



Descriptives

KEKUATAN JEBOL (LBF)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
TENSION 4	6	90.8667	4.12391	1.68358	86.5389	95.1944	86.90	97.40	
TENSION 6	6	94.1833	2.88196	1.17655	91.1589	97.2078	90.90	98.20	
TENSION 8	6	96.3667	2.13885	.87318	94.1221	98.6112	92.90	99.30	
TENSION 12	6	93.4000	3.27047	1.33517	89.9678	96.8322	89.10	97.70	
TENSION 16	6	92.0000	3.30757	1.35031	88.5289	95.4711	85.40	94.20	
TENSION 20	6	90.9333	3.40392	1.38964	87.3611	94.5055	85.40	94.30	
Total	36	92.9583	3.59280	.59880	91.7427	94.1740	85.40	99.30	
Model									
Fixed Effects			3.24319	.54053	91.8544	94.0622			
Random Effects				.86999	90.7220	95.1947			2.78826

Test of Homogeneity of Variances

KEKUATAN JEBOL (LBF)

Levene Statistic	df1	df2	Sig.
.793	5	30	.563

ANOVA

KEKUATAN JEBOL (LBF)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	136.239	5	27.248	2.591	.046
Within Groups	315.548	30	10.518		
Total	451.788	35			

Post Hoc Tests

Homogeneous Subsets

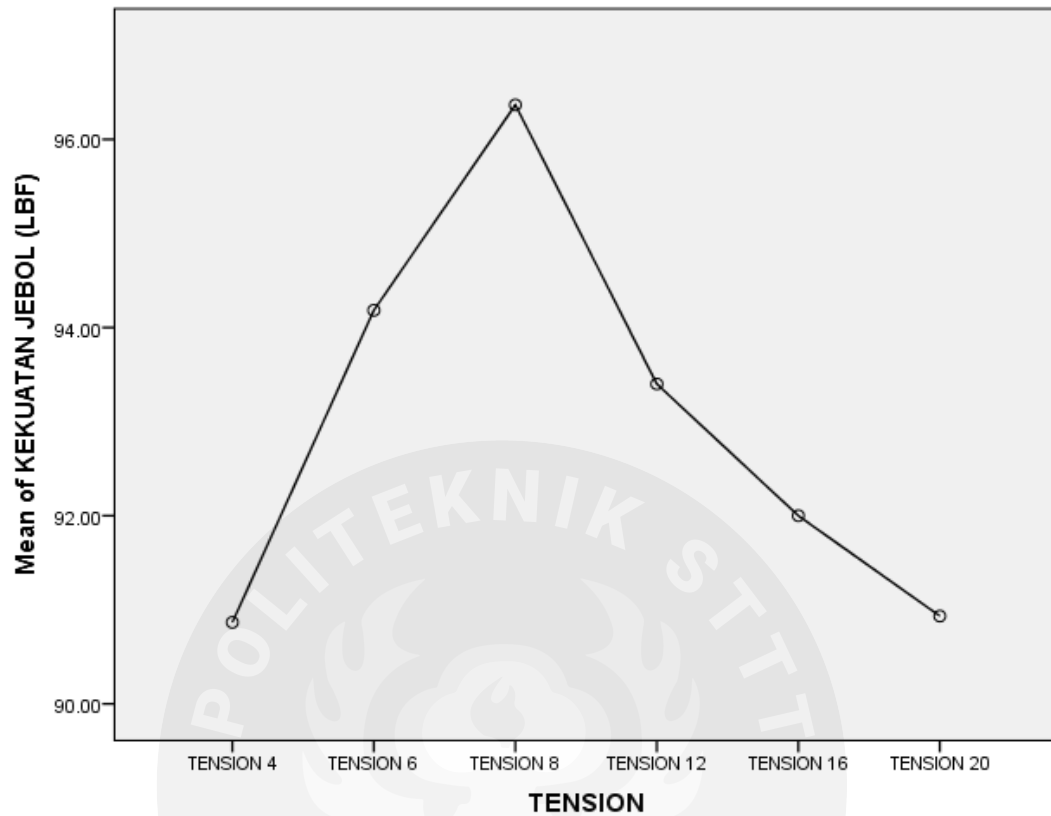
KEKUATAN JEBOL (LBF)

Tukey B^a

TENSION	N	Subset for alpha = 0.05
		1
TENSION 4	6	90.8667
TENSION 20	6	90.9333
TENSION 16	6	92.0000
TENSION 12	6	93.4000
TENSION 6	6	94.1833
TENSION 8	6	96.3667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.



Descriptives

KEKUATAN TARIK HASIL DATA

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum	Between-Component Variance
					Lower Bound	Upper Bound			
TENSION 4	6	44.3000	.90774	.37059	43.3474	45.2526	43.20	45.30	
TENSION 6	6	45.0167	1.41339	.57701	43.5334	46.4999	43.30	47.50	
TENSION 8	6	47.2833	1.03037	.42065	46.2020	48.3646	45.90	48.40	
TENSION 12	6	44.3167	.90203	.36825	43.3700	45.2633	43.20	45.30	
TENSION 16	6	44.1500	.93113	.38013	43.1728	45.1272	43.20	45.30	
TENSION 20	6	42.8167	1.51449	.61829	41.2273	44.4060	41.30	45.20	
Total	36	44.6472	1.73015	.28836	44.0618	45.2326	41.30	48.40	
Model									
Fixed Effects			1.14438	.19073	44.2577	45.0367			
Random Effects				.60315	43.0968	46.1977			1.96444

Test of Homogeneity of Variances

KEKUATAN TARIK HASIL DATA

Levene Statistic	df1	df2	Sig.
.620	5	30	.686

ANOVA

KEKUATAN TARIK HASIL DATA

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	65.481	5	13.096	10.000	.000
Within Groups	39.288	30	1.310		
Total	104.770	35			

Post Hoc Tests

Homogeneous Subsets

KEKUATAN TARIK HASIL DATA

Tukey B^a

TENSION	N	Subset for alpha = 0.05		
		1	2	3
TENSION 20	6	42.8167		
TENSION 16	6	44.1500	44.1500	
TENSION 4	6	44.3000	44.3000	
TENSION 12	6	44.3167	44.3167	
TENSION 6	6		45.0167	
TENSION 8	6			47.2833

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

