

DAFTAR LAMPIRAN

Lampiran 1.1 Pengujian CPI dan WPI kain *single needle*

No	Cpi	WPI
1	21	24
2	20	24
3	19	23
4	20	25
5	19	24
Σ	99	120
Mean	19,8	24
Sd	0,83	0,7
Cv	4,22	2,94

Lampiran 1.2 Pengujian kekuatan sobek kain *single needle*

No	Lusi(N)	Pakan (N)
1	82,81	120,83
2	73,01	129,78
3	77,92	110,57
4	86,88	108,74
5	90,19	121,96
Σ	410,81	591,88
Mean	82,16	118,37
sd	6,87	8,69
Cv	8,36	7,34

Lampiran 1.3 Pengujian kekuatan tarik kain *single needle*

No	Lusi (N)	Pakan (N)
1	256,51	223,77
2	263,04	240,55
3	278,1	216,33
4	285,73	251,54
5	277,36	237,5
Σ	1360,74	1169,69
Mean	272,14	233,93
sd	11,98	13,95
Cv	4,4	5,96

Lampiran 1.4 pengujian gramasi kain *single needle*

No	Gramasi (gram/m ²)	Berat Contoh Uji (gram)
1	280	2,65
2	278	2,64
3	280	2,65
4	279	2,64
5	279	2,64
Σ	1396	
mean	279,2	
sd	0,83	
Cv	0,29	

Lampiran 1.5 Pengujian jebol kain *single needle*

No	Jebol (N)
1	150,14
2	150,49
3	155,5
4	156,23
5	158,22
6	150,71
7	149,35
8	152,45
9	157,22
10	153,35
Σ	1533,66
mean	153,36
sd	3,22
Cv	2,1

Lampiran 1.6 Pengujian ketebalan kain

No	Ketebalan (mm)
1	1,1
2	1,3
3	1,2
4	1,3
5	1,2
Σ	6,1
mean	1,22
sd	0,08
Cv	6,8

Lampiran 1.7 pengujian tahan gosok kain *single needle*

No	Hasil
1	80
2	80
3	79
4	78
Σ	317
mean	79,25
sd	0,95
Cv	1,2

Lampiran 1.8 Mulur kain *single needle*

no	Mulur lusi (%)	Mulur pakan (%)
1	15,07	15,06
2	15,07	15,07
3	15,07	15,06
4	15,01	15,07
5	15,07	15,01

Lampiran 1.9 Pengujian cpi dan wpi, kekuatan tarik, kekuatan sobek kain *double needle*

Double Needle						
	Pengujian cpi dan wpi		Kekuatan Tarik (N)		Kekuatan sobek (N)	
no	Cpi	Wpi	lusi	pakan	lusi	pakan
1	20	23	278,08	243,46	72,37	128,93
2	21	24	283,14	248,9	90,54	105,14
3	20	24	252,03	237,39	69,06	112,78
4	19	24	288,99	251,22	66,11	78,55
5	20	25	286,4	224,43	77,79	98,37
Σ	100	120	1388,64	1205,41	375,87	523,77
mean	20	24	277,72	241,08	75,17	104,75
sd	0,7	0,7	14,93	10,72	9,62	18,55
Cv	3,53	2,94	5,37	4,44	12,8	17,7

Lampiran 1.10 Pengujian gramasi dan ketebalan kain *double needle*

No	Gramasi (Gram/m2)	Berat Contoh Uji (gram)	Tebal (mm)
1	279	2,64	1,2
2	280	2,65	1,1
3	281	2,66	1,3
4	279	2,64	1,2
5	279	2,64	1,3
Σ	1398		6,1
mean	279,6		1,22
sd	0,89		0,08
Cv	0,31		6,85

Lampiran 1.11 Pengujian kekuatan jebol

No	Jebol (N)
1	162,4
2	156,58
3	147,25
4	154,76
5	157,3
6	155,9
7	153,21
8	153,42
9	148,65
10	154,1
Σ	1543,57
mean	154,35
sd	4,29
Cv	2,78

Lampiran 1.12 pengujian kekuatan gosok kain *double needle*

No	Gosok
1	79
2	80
3	80
4	79
Σ	318
mean	79,5
sd	0,57
Cv	0,72

Lampiran 1.13 Mulur kain *double needle*

no	Mulur lusi (%)	Mulur pakan (%)
1	15,07	15,01
2	15,01	15,07
3	15,07	15,01
4	15,07	15,07
5	15,01	15,06

Lampiran 1.14 Spesifikasi ukuran gigi timing

KARL MAYER									
Rapport Rapport Rapport Rapport	Tempi	Zahnezahl No. of teeth No. de dientes 齿数		Zahnriemen Toothed belt Correa dentada Courroie dentée					
		A	B						
48	1,0	20	60	656-8M-40		 X = eingebaut built-in incorporada incorporée installate 已安装 B = Beipack bypack enviada con la máquina emballée avec la machine aggiunta 随机装运的机器零件			
96	1,33	20	45	592-8M-40					
32	1,5	20	40	560-8M-40					
28	1,71	24	42	592-8M-40					
26	1,84	24	39	576-8M-40					
24	2	24	36	560-8M-40					
22	2,18	24	33	560-8M-40					
20	2,4	36	45	640-8M-40					
18	2,66	32	36	600-8M-40					
16	3	30	30	560-8M-40					
12	4	40	30	600-8M-40					
10	4,8	48	30	640-8M-40					

Lampiran 1.15 Hasil pengujian WPI

Independent Samples Test

Levene's Test
for Equality of
Variances

t-test for Equality of Means

		F		t		Sig. (2-tailed)		Mean Difference		Std. Error Difference		95% Confidence Interval of the Difference	
			Sig.		df							Lower	Upper
Peng WPI	Equal variances assumed	.000	1.000	.000	8	1.000	.00000	.44721				-1.03128	1.03128
	Equal variances not assumed			.000	8.000	1.000	.00000	.44721				-1.03128	1.03128

Lampiran 1.16 hasil T-test tarik kain lusi

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Peng tarik lusi	Equal variances assumed	.007	.938	-.652	8	.533	-5.57960	8.56323	-25.32645	14.16725
baru	Equal variances not assumed			-7.642		.534	-5.57960	8.56323	-25.48866	14.32946

Lampiran 1.17 Hasil T-test CPI

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Peng. CPI	Equal variances assumed	.590	.464	-.408	8	.694	-.20000	.48990	-1.32971	.92971
	Equal variances not assumed			-7.784		.694	-.20000	.48990	-1.33519	.93519

Lampiran 1.18 Hasil T-test kekuatan tarik kain pakan

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Pengujian tarik pakan	Equal variances assumed	.607	.458	- .907	8	.391	-7.144600	7.873038	- 25.299859	11.010659
	Equal variances not assumed			- .907	7.502	.392	-7.144600	7.873038	- 25.511635	11.222435

Lampiran 1.19 Hasil T-test sobek kain lusi

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Peng sobek lusi	Equal variances assumed	.429	.531	1.321	8	.223	6.98660	5.28817	- 5.20793	19.18113
	Equal variances not assumed			1.321	7.238	.227	6.98660	5.28817	- 5.43520	19.40840

Lampiran 1. 20 Hasil T-test kekuatan sobek kain pakan

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Peng sobek pakan	Equal variances assumed	1.252	.296	1.487	8	.175	13.62340	9.16301	- 7.50653	34.75333
	Equal variances not assumed			1.487	5.678	.190	13.62340	9.16301	- 9.10904	36.35584

Lampiran 1.21 Hasil T-test gramasi kain

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
Peng gramasi	Equal variances assumed	.094	.767	- .730	8	.486	-.40000	.54772	- 1.66305	.86305
	Equal variances not assumed			- .730	7.965	.486	-.40000	.54772	- 1.66403	.86403

Lampiran 1.22 Hasil T-test jebol kain

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
Pengujian tahan jebol	Equal variances assumed	.002	.969	-.754	18	.460	-1.30455	1.72921	-4.93748	2.32838
	Equal variances not assumed			-.754	17.057	.461	-1.30455	1.72921	-4.95193	2.34283

Lampiran 1.23 Hasil T-test ketebalan kain

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
Peng ketebalan	Equal variances assumed	.000	1.000	.000	8	1.000	.00000	.05292	-.12202	.12202
	Equal variances not assumed			.000	8.000	1.000	.00000	.05292	-.12202	.12202

Lampiran 1.25 Hasil T-test tahan gosok

		Levene's Test for Equality of Variances		t-test for Equality of Means						
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
pengujian tahan gosok	Equal variances assumed	1.500	.267	-.447	6	.670	-.25000	.55902	-1.61787	1.11787
	Equal variances not assumed			-.447	4.927	.674	-.25000	.55902	-1.69343	1.19343

Lampiran 1.24 Pengujian jebol kain



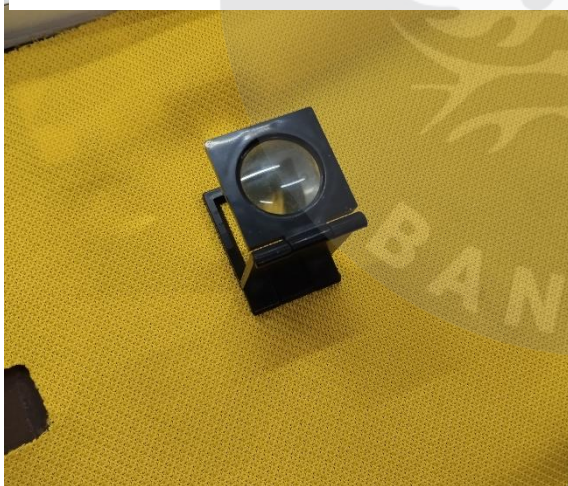
Lampiran 1.29 Pengujian tahan gosok kain



Lampiran 1.28 Pengujian kekuatan tarik



Lampiran 1.27 Pengujian CPI dan WPI



Lampiran 1.26 Gramasi kain



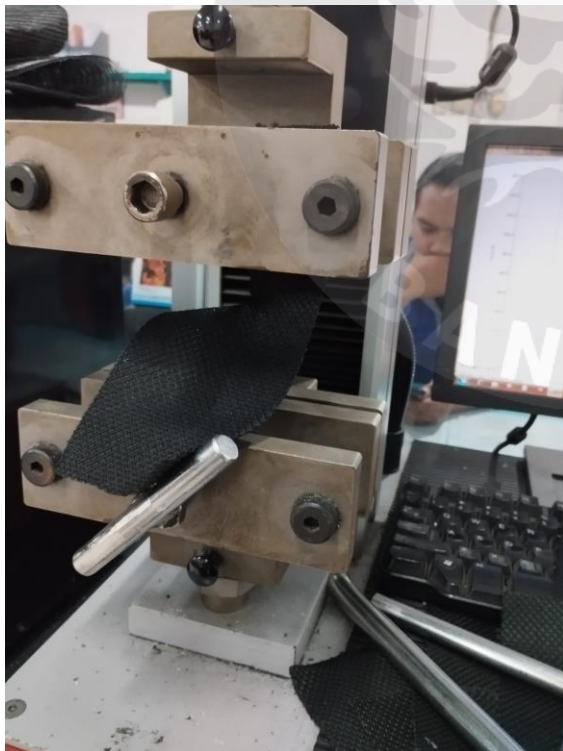
Lampiran 1.33 Pengujian jebol kain



Lampiran 1.31 Tahan gosok



Lampiran 1.32 Pengujian sobek kain



Lampiran 1.30 Alat pengukur ketebalan kain

