

LAMPIRAN

Lampiran 1.1 Kain Hasil Pengujian Kandungan Kanji

Variasi Konsentrasi NaOH			
Standar Pabrik	2 g/L	3 g/L	4 g/L

Lampiran 2.1 Data Pengujian Pengaruh Konsentrasi NaOH pada Proses *Desizing*, *Scouring* dan *Relaxing* Simultan terhadap Kekuatan Tarik Poliester Arah Lusi

Variasi	Sampel	Kekuatan (kg)	Mulur (%)	(xi - x) ²	
				Kekuatan (kg)	Mulur (%)
Standar	a	32,342	131,00	0,016	5,290
	b	32,625	138,00	0,169	22,090
	c	33,462	154,20	1,560	436,810
	d	31,763	123,80	0,202	90,250
	e	30,876	119,50	1,787	190,440
Σ		161,068	666,50	3,734	744,880
x		32,213	133,30	0,746	148,976
		Kekuatan Tarik SD = 0,966 CV = 2,998%		Mulur Kain SD = 13,646 CV = 10,237%	
2 g/L	a	28,982	128,80	5,299	1,102
	b	32,355	133,15	1,147	29,160
	c	29,406	120,20	3,526	57,002
	d	33,523	131,80	5,013	16,402
	e	32,156	124,80	0,760	8,702
Σ		156,422	638,75	15,745	112,368
x		31,284	127,750	3,149	22,473
		Kekuatan Tarik SD = 1,983 CV = 6,338%		Mulur Kain SD = 5,300 CV = 4,148%	
3 g/L	a	32,301	127,20	3,048	48,302
	b	29,148	112,80	1,979	55,502
	c	30,676	120,40	0,014	0,022
	d	28,656	103,20	3,606	290,702
	e	31,996	137,65	2,076	302,760
Σ		152,777	601,25	10,723	697,288
x		30,555	120,25	2,144	139,457
		Kekuatan Tarik SD = 1,637 CV = 5,357%		Mulur Kain SD = 13,203 CV = 10,979%	
4 g/L	a	28,395	110,40	0,209	0
	b	30,592	108,40	3,024	4
	c	26,273	103,60	6,656	46,24
	d	31,402	122,40	6,497	144
	e	27,605	107,20	1,557	10,24
Σ		144,267	552	17,943	204,480
x		28,853	110,40	3,588	40,896
		Kekuatan Tarik SD = 2,117 CV = 7,337%		Mulur Kain SD = 7,149 CV = 6,475%	

Lampiran 2.2 Data Pengujian Pengaruh Konsentrasi NaOH pada Proses *Desizing*, *Scouring* dan *Relaxing* Simultan terhadap Kekuatan Tarik Poliester Arah Pakan

Variasi	Sampel	Kekuatan (kg)	Mulur (%)	$(x_i - \bar{x})^2$	
				Kekuatan (kg)	Mulur (%)
Standar	a	34,374	92,00	1,267	11,222
	b	33,938	89,60	0,476	0,902
	c	34,162	91,20	0,835	6,502
	d	32,486	86,40	0,580	5,062
	e	31,281	84,05	3,869	21,160
Σ		166,241	443,250	7,027	44,848
$\bar{x}$		33,248	88,650	1,405	8,969
		Kekuatan Tarik SD = 1,325 CV = 3,985%		Mulur Kain SD = 3,348 CV = 3,776%	
2 g/L	a	32,996	87,10	0,410	5,336
	b	31,917	85,75	0,191	0,921
	c	32,898	87,10	0,294	5,336
	d	34,227	89,60	3,504	23,136
	e	29,738	74,40	6,848	107,952
Σ		161,776	423,95	11,247	142,681
$\bar{x}$		32,355	84,790	2,249	28,536
		Kekuatan Tarik SD = 1,676 CV = 5,180%		Mulur Kain SD = 5,972 CV = 7,043%	
3 g/L	a	29,895	80,40	2,024	1,464
	b	35,102	86,35	14,318	51,265
	c	30,273	77,20	1,092	3,960
	d	32,402	78,40	1,175	0,624
	e	28,921	73,60	5,745	31,248
Σ		156,593	395,95	24,354	88,561
$\bar{x}$		31,318	79,190	4,870	17,712
		Kekuatan Tarik SD = 2,467 CV = 7,877%		Mulur Kain SD = 4,705 CV = 5,941%	
4 g/L	a	30,031	73,40	0,992	2,689
	b	26,566	62,80	6,095	80,281
	c	31,180	83,00	4,601	126,337
	d	27,418	68,20	2,614	12,673
	e	29,980	71,40	0,893	0,129
Σ		145,175	358,80	15,195	222,109
$\bar{x}$		29,035	71,760	3,039	44,421
		Kekuatan Tarik SD = 1,949 CV = 6,712%		Mulur Kain SD = 7,451 CV = 10,383%	