

LAMPIRAN

Lampiran 1 Sampel Kain Hasil Proses Merserisasi dan Pencelupan

Merserisasi NaOH 48°Be	Merserisasi CRS
<div style="border: 1px solid black; width: 90%; margin: auto;"></div>	<div style="border: 1px solid black; width: 90%; margin: auto;"></div>
Pencelupan dengan merserisasi NaOH 48°Be	Pencelupan dengan merserisasi CRS
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Lampiran 2 Tabel Data Kekuatan Tarik

Larutan NaOH	No	Lusi		Pakan	
		Kg	$(X-\bar{X})^2$	Kg	$(X-\bar{X})^2$
NaOH 48°Be	1	64	0,36	44	1,96
	2	64	0,36	45	0,16
	3	65	0,16	45	0,16
	4	65	0,16	47	2,56
	5	65	0,16	46	0,36
	Σ	323	1,2	227	5,2
	\bar{X}	64,6		45,4	
NaOH CRS	1	65	0,36	44	1,44
	2	64	0,16	46	0,64
	3	65	0,36	44	1,44
	4	64	0,16	47	3,24
	5	64	0,16	45	0,04
	Σ	322	1,2	226	6,8
	\bar{X}	64,4		45,2	

Lampiran 3 Tabel Data Kekuatan Sobek

Larutan NaOH	No	Lusi		Pakan	
		Gram	$(X-\bar{X})^2$	Gram	$(X-\bar{X})^2$
NaOH 48°Be	1	900	400	700	3600
	2	900	400	800	1600
	3	850	900	750	100
	4	900	400	750	100
	5	850	900	800	1600
	Σ	4400	3000	3800	7000
	\bar{X}	880		760	
NaOH CRS	1	950	8100	750	400
	2	850	100	750	400
	3	800	3600	700	900
	4	900	1600	700	900
	5	800	3600	750	400
	Σ	4300	17000	3650	3000
	\bar{X}	860		730	

Lampiran 4 Data K/S

Merserisasi NaOH 48°Be			
K/S \bar{X} kain berwarna	K/S \bar{X} kain putih	K/S zat warna	SD
1,087	0,02	1,067	0,026268
Merserisasi CRS			
K/S \bar{X} kain berwarna	K/S \bar{X} kain putih	K/S \bar{X} zat warna	SD
1,069	0,02	1,049	0,013703

Lampiran 5 Tabel Konsentrasi NaOH

TABEL NaOH

d ^{15/4}	Be	NaOH	NaOH
		%	gr / ltr
1.007	1	0.59	6.0
0.014	2	1.20	12.0
1.022	3	1.85	18.9
1.029	4	2.50	25.7
1.036	5	3.15	32.6
1.045	6	3.79	39.9
1.052	7	4.56	47.3
1.060	8	5.20	55.0
1.067	9	5.86	62.5
1.075	10	6.58	70.7
1.083	11	7.30	79.1
1.091	12	8.07	88.0
1.100	13	8.78	96.6
1.108	14	9.50	105.3
1.116	15	10.30	114.9
1.125	16	11.06	124.4
1.134	17	11.90	134.9
1.142	18	12.69	145.0
1.152	19	13.50	155.5
1.162	20	14.35	166.7
1.171	21	15.15	177.4
1.180	22	16.00	188.8
1.190	23	16.91	201.2
1.200	24	17.81	213.7
1.210	25	18.71	226.4

d ^{15/4}	Be	NaOH	NaOH
		(%)	gr / ltr
1.220	26	19.65	239.7
1.231	27	20.60	253.6
1.241	28	21.55	267.4
1.252	29	22.50	281.7
1.263	30	23.50	296.8
1.274	31	24.48	311.9
1.285	32	25.50	327.7
1.297	33	26.58	344.7
1.308	34	27.65	361.7
1.320	35	28.83	380.6
1.332	36	30.00	399.6
1.345	37	31.20	419.6
1.357	38	32.50	441.0
1.370	39	33.73	462.1
1.383	40	35.00	484.1
1.397	41	36.36	507.9
1.410	42	37.65	530.9
1.424	43	39.06	556.2
1.438	44	40.47	582.0
1.453	45	42.02	610.6
1.468	46	43.58	639.8
1.483	47	45.16	669.7
1.498	48	46.73	700.0
1.514	49	48.41	732.9
1.530	50	50.10	766.5

14 Nov' 2016
Trial Team