LAMPIRAN 2

Tabel Kekuatan Spesimen

	No	L0 (mm)	w (mm)	t (mm)	l (mm)	A (mm2)	Fmax (N)	Δl (mm)	σ (MPa)	ε
0 Lapis	1	10	10.64	3.6	149	38.304	1000	5.2	26.1069	0.52
	2	10	10.54	3.7	149.1	38.998	1120	5.8	28.7194	0.58
	3	10	10.44	3.8	149.1	39.672	820	5.75	20.6695	0.575
	4	10	10.28	3.9	148.9	40.092	2000	8.7	49.8853	0.87
	5	10	10.38	3.6	148.9	37.368	2400	8.4	64.2261	0.84
	Rata-rata								37.9214	0.677
	Standar Deviasi								18.4184	0.1645
	Min								20.6695	0.52
	Max								64.2261	0.87
1 Lapis	1	10	10.2	4.4	149	44.88	1250	4.4	27.852	0.44
	2	10	10.3	4.6	149	47.38	1000	4.95	21.106	0.495
	3	10	10.46	4.7	149.1	49.162	2760	9	56.1409	0.9
	4	10	10.5	4.4	149	46.2	1950	8.4	42.2078	0.84
	5	10	10.5	4.4	149.1	46.2	600	2.2	12.987	0.22
	Rata-rata								32.0587	0.579
	Standar Deviasi								17.2072	0.2856
	Min								12.987	0.22
	Max								56.1409	0.9
2 Lapis	1	10	10.7	3.8	149.1	40.66	2040	8.25	50.1722	0.825
	2	10	10.68	3.7	149	39.516	1770	6.3	44.792	0.63
	3	10	10.66	3.6	148.6	38.376	1800	5.7	46.9043	0.57
	4	10	10.48	3.8	148.8	39.824	1560	5.4	39.1724	0.54
	5	10	10.4	4.1	149	42.64	2100	6.3	49.2495	0.63
	Rata-rata								46.0581	0.639
	Standar Deviasi								4.38302	0.1110
	Min								39.1724	0.54
	Max								50.1722	0.825
3 Lapis	1	10	10.26	4.3	148.8	44.118	2125	7.4	48.1663	0.74
	2	10	10.1	4.3	148.9	43.43	2375	6.9	54.6857	0.69
	3	10	10.44	4.3	148.9	44.892	1600	3.5	35.6411	0.35
	4	10	10.16	4.5	148.9	45.72	4800	1.05	104.987	0.105
	5	10	10.18	4.4	148.8	44.792	3750	8.55	83.7203	0.855
	Rata-rata								65.4401	0.548
	Standar Deviasi								37.0465	37.046
	Min								35.6411	0.105
	Max								104.987	0.855
4 Lapis	1	10	10.4	3.7	148.6	38.48	2800	6.2	72.7651	0.62
	2									
	3	10	10.34	3.6	148.8	37.224	2150	6.2	57.7584	0.62
	4	10	10.58	3.8	148.3	40.204	2680	7.7	66.66	0.77

	5	10	10.5	3.6	148.8	37.8	2370	5.55	62.6984	0.555
	Rata-rata								64.9705	0.6412
	Standar Deviasi								6.34524	0.0911
	Min								57.7584	0.555
	Max								72.7651	0.77

Tabel Modulus Elastisitas Tekan

Variasi	No	ΔF (N)	A (mm²)	ΔL	L0 (mm)	Δε	Δσ (Mpa)	E (Mpa)
0 Lapis	1	400	38.304	1.6	10	0.16	10.44277	65.2673
	2	480	38.988	2.2	10	0.22	12.31148	55.9613
	3	300	39.672	1.5	10	0.15	7.562008	50.4134
	4	700	40.092	2.1	10	0.21	17.45984	83.1421
	5	750	37.368	2.25	10	0.225	20.07065	89.2029
	Rata-rata							68.7974
	Standar Deviasi							16.8623
	Min							50.4134
	Max							89.2029
1 Lapis	1	400	44.88	1.2	10	0.12	8.912656	74.2721
	2	240	47.38	0.75	10	0.075	5.065428	67.539
	3	1140	49.162	3	10	0.3	23.18864	77.2955
	4	900	46.2	2.7	10	0.27	19.48052	72.1501
	5	150	46.2	1.2	10	0.12	3.246753	27.0563
	Rata-rata							63.6626
	Standar Deviasi							20.7696
	Min							27.0563
	Max							77.2955
2 Lapis	1	1080	40.66	3.6	10	0.36	26.56173	73.7826
	2	900	39.516	2.1	10	0.21	22.77558	108.455
	3	510	38.376	1.8	10	0.18	13.28956	73.8309
	4	690	39.824	2.1	10	0.21	17.32624	82.5059
	5	1050	42.62	2.25	10	0.225	24.63632	109.495
	Rata-rata							89.6139
	Standar Deviasi							18.0312
	Min							73.7826
	Max							109.495
3 Lapis	1	700	44.118	1.95	10	0.195	15.86654	81.3669
	2	950	43.43	2.1	10	0.21	21.87428	104.163
	3	800	44.892	1.5	10	0.15	17.82055	118.804
	4	3000	45.72	0.45	10	0.045	65.6168	1458.15
	5	2000	44.792	3.6	10	0.36	44.65083	124.03
	Rata-rata							377.303
	Standar Deviasi							604.439
	Min							81.3669
	Max							1458.15
4 Lapis	1	1300	38.48	2.55	10	0.255	33.78378	132.485
	2							
	3	900	37.224	2.7	10	0.27	24.17795	89.548
	4	990	40.204	2.1	10	0.21	24.62442	117.259

	5	1200	37.8	2.4	10	0.24	31.74603	132.275
	Rata-rata							117.892
	Standar Deviasi							20.1959
	Min							89.548
	Max							132.485