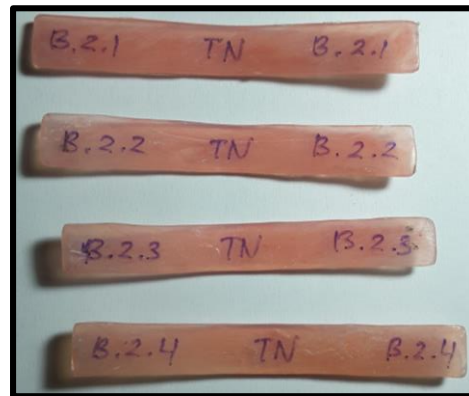


LAMPIRAN

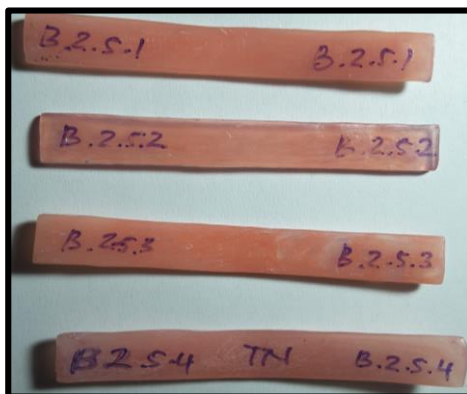
Lampiran 1. Dokumentasi Penelitian



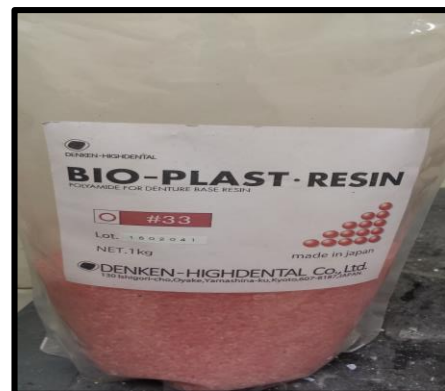
Sampel ketebalan 1 dan 1.5 mm



Sampel ketebalan 2 mm



Sampel ketebalan 2.5 mm



Bahan *thermoplastic nylon*



Universal Testing Machine

Lampiran 2. Hasil Pengolahan Data Kekuatan Fleksural

Case Processing Summary

		Cases					
		Valid		Missing		Total	
		N	Percent	N	Percent	N	Percent
TEBAL							
TEGANGAN	1	4	100.0%	0	.0%	4	100.0%
	1.5	4	100.0%	0	.0%	4	100.0%
	2	4	100.0%	0	.0%	4	100.0%
	2.5	4	100.0%	0	.0%	4	100.0%

Descriptives

TEBAL			Statistic	Std. Error
TEGANGAN	1	Mean	55.5450	3.55561
		95% Confidence Interval for Mean	Lower Bound 44.2295	
			Upper Bound 66.8605	
		5% Trimmed Mean	55.2417	
		Median	52.8150	
		Variance	50.570	
		Std. Deviation	7.11122	
		Minimum	50.49	
		Maximum	66.06	
		Range	15.57	
		Interquartile Range	11.97	
		Skewness	1.830	1.014
		Kurtosis	3.471	2.619
			1.5	Mean
95% Confidence Interval for Mean	Lower Bound 42.7982			
	Upper Bound 48.7518			
5% Trimmed Mean	45.7894			
Median	45.9050			
Variance	3.500			
Std. Deviation	1.87077			
Minimum	43.42			
Maximum	47.87			
Range	4.45			
Interquartile Range	3.59			
Skewness	-.372			1.014
Kurtosis	.166			2.619
	2			Mean
			Lower Bound 43.7485	

	95% Confidence Interval for Mean	Upper Bound	50.7215	
	5% Trimmed Mean		47.2539	
	Median		47.4050	
	Variance		4.801	
	Std. Deviation		2.19111	
	Minimum		44.87	
	Maximum		49.26	
	Range		4.39	
	Interquartile Range		4.05	
	Skewness		-.161	1.014
	Kurtosis		-4.863	2.619
2.5	Mean		45.3550	1.70414
	95% Confidence Interval for Mean	Lower Bound	39.9317	
		Upper Bound	50.7783	
	5% Trimmed Mean		45.2733	
	Median		44.6200	
	Variance		11.616	
	Std. Deviation		3.40828	
	Minimum		42.05	
	Maximum		50.13	
	Range		8.08	
	Interquartile Range		6.14	
	Skewness		1.210	1.014
	Kurtosis		2.307	2.619

Tests of Normality

TEBAL	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
TEGANGAN 1	.369	4	.	.782	4	.074
1.5	.168	4	.	.993	4	.974
2	.280	4	.	.862	4	.269
2.5	.318	4	.	.901	4	.435

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

TEGANGAN

Levene Statistic	df1	df2	Sig.
2.569	3	12	.103

ANOVA

TEGANGAN	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	274.188	3	91.396	5.187	.016
Within Groups	211.460	12	17.622		
Total	485.647	15			

Multiple Comparisons

TEGANGAN

LSD

(I) TEBAL	(J) TEBAL	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1	1.5	9.77000*	2.96830	.006	3.3026	16.2374
	2	8.31000*	2.96830	.016	1.8426	14.7774
	2.5	10.19000*	2.96830	.005	3.7226	16.6574
1.5	1	-9.77000*	2.96830	.006	-16.2374	-3.3026
	2	-1.46000	2.96830	.632	-7.9274	5.0074
	2.5	.42000	2.96830	.890	-6.0474	6.8874
2	1	-8.31000*	2.96830	.016	-14.7774	-1.8426
	1.5	1.46000	2.96830	.632	-5.0074	7.9274
	2.5	1.88000	2.96830	.538	-4.5874	8.3474
2.5	1	-10.19000*	2.96830	.005	-16.6574	-3.7226
	1.5	-.42000	2.96830	.890	-6.8874	6.0474
	2	-1.88000	2.96830	.538	-8.3474	4.5874

*. The mean difference is significant at the 0.05 level.