

Lampiran 4

DATA PENELITIAN

DATA BERAT SAMPEL SEBELUM DAN SESUDAH PERENDAMAN (g)

No.	FRC <i>fiber</i> 0%		FRC <i>fiber</i> 5%		FRC <i>fiber</i> 10%		FRC <i>fiber</i> 15%	
	sebelum	sesudah	Sebelum	sesudah	sebelum	Sesudah	sebelum	sesudah
1.	0,1792	0,1801	0,1887	0,1900	0,1800	0,1817	0,1810	0,1833
2.	0,1839	0,1848	0,1886	0,1898	0,1797	0,1813	0,1766	0,1789
3.	0,1849	0,1857	0,1899	0,1912	0,1813	0,1829	0,1786	0,1810
4.	0,1892	0,1901	0,1817	0,1830	0,1811	0,1827	0,1771	0,1795

DATA PENYERAPAN AIR (%)

No.	FRC <i>fiber</i> 0%	FRC <i>fiber</i> 5%	FRC <i>fiber</i> 10%	FRC <i>fiber</i> 15%
1.	0,5022	0,6889	0,9004	1,2707
2.	0,4894	0,6363	0,8904	1,3024
3.	0,4327	0,6845	0,8825	1,3438
4.	0,4757	0,7155	0,8835	1,3552

DATA PENYERAPAN AIR ($\mu\text{g}/\text{mm}^3$)

No.	FRC <i>fiber</i> 0%	FRC <i>fiber</i> 5%	FRC <i>fiber</i> 10%	FRC <i>fiber</i> 15%
1.	9	13	17	23
2.	9	12	16	23
3.	8	13	16	24
4.	9	13	16	24
Rerata \pm s.d	8,75 \pm 0,500	12,75 \pm 0,500	16,25 \pm 0,500	23,50 \pm 0,577

HASIL PENGOLAHAN DATA MENGGUNAKAN SPSS

A. PENYERAPAN AIR

Case Processing Summary

		Cases					
		Valid		Missing		Total	
FRC		N	Percent	N	Percent	N	Percent
Penyerapan Air	FRC fiber 0%	4	100,0%	0	0,0%	4	100,0%
	FRC fiber 5%	4	100,0%	0	0,0%	4	100,0%
	FRC fiber 10%	4	100,0%	0	0,0%	4	100,0%
	FRC fiber 15%	4	100,0%	0	0,0%	4	100,0%

Descriptives

FRC		Statistic	Std. Error		
Penyerapan Air	FRC fiber 0%	Mean	,475000	,0151024	
		95% Confidence Interval for Mean	Lower Bound	,426938	
			Upper Bound	,523062	
		5% Trimmed Mean		,475839	
		Median		,482550	
		Variance		,001	
		Std. Deviation		,0302047	
		Minimum		,4327	
		Maximum		,5022	
		Range		,0695	
		Interquartile Range		,0555	
		Skewness		-1,272	1,014
		Kurtosis		1,686	2,619
		FRC fiber 5%		Mean	,681300
95% Confidence Interval for Mean	Lower Bound			,628825	
	Upper Bound			,733775	
5% Trimmed Mean				,681900	
Median				,686700	
Variance				,001	
Std. Deviation				,0329780	

	Minimum		,6363	
	Maximum		,7155	
	Range		,0792	
	Interquartile Range		,0605	
	Skewness		-,942	1,014
	Kurtosis		1,922	2,619
FRC fiber 10%	Mean		,889200	,0041257
	95% Confidence Interval for Mean	Lower Bound	,876070	
		Upper Bound	,902330	
	5% Trimmed Mean		,888950	
	Median		,886950	
	Variance		,000	
	Std. Deviation		,0082515	
	Minimum		,8825	
	Maximum		,9004	
	Range		,0179	
	Interquartile Range		,0151	
	Skewness		1,093	1,014
	Kurtosis		,024	2,619
FRC fiber 15%	Mean		1,318025	,0194296
	95% Confidence Interval for Mean	Lower Bound	1,256191	
		Upper Bound	1,379859	
	5% Trimmed Mean		1,318589	
	Median		1,323100	
	Variance		,002	
	Std. Deviation		,0388593	
	Minimum		1,2707	
	Maximum		1,3552	
	Range		,0845	
	Interquartile Range		,0737	
	Skewness		-,469	1,014
	Kurtosis		-2,643	2,619

Tests of Normality

	FRC	Shapiro-Wilk		
		Statistic	df	Sig.
Penyerapan Air	FRC fiber 0%	,915	4	,509
	FRC fiber 5%	,933	4	,610
	FRC fiber 10%	,886	4	,363
	FRC fiber 15%	,932	4	,603

a. Lilliefors Significance Correction

Oneway

Descriptives

Penyerapan Air

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					FRC fiber 0%	4		
FRC fiber 5%	4	,681300	,0329780	,0164890	,628825	,733775	,6363	,7155
FRC fiber 10%	4	,889200	,0082515	,0041257	,876070	,902330	,8825	,9004
FRC fiber 15%	4	1,318025	,0388593	,0194296	1,256191	1,379859	1,2707	1,3552
Total	16	,840881	,3233242	,0808311	,668594	1,013169	,4327	1,3552

Test of Homogeneity of Variances

Penyerapan Air

Levene Statistic	df1	df2	Sig.
1,879	3	12	,187

ANOVA

Penyerapan Air

	Sum of Squares	Df	Mean Square	F	Sig.
Between Groups	1,557	3	,519	580,340	,000
Within Groups	,011	12	,001		
Total	1,568	15			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Penyerapan Air

LSD

(I) FRC	(J) FRC	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
FRC fiber 0%	FRC fiber 5%	-,2063000*	,0211483	,000	-,252378	-,160222
	FRC fiber 10%	-,4142000*	,0211483	,000	-,460278	-,368122
	FRC fiber 15%	-,8430250*	,0211483	,000	-,889103	-,796947
FRC fiber 5%	FRC fiber 0%	,2063000*	,0211483	,000	,160222	,252378
	FRC fiber 10%	-,2079000*	,0211483	,000	-,253978	-,161822
	FRC fiber 15%	-,6367250*	,0211483	,000	-,682803	-,590647
FRC fiber 10%	FRC fiber 0%	,4142000*	,0211483	,000	,368122	,460278
	FRC fiber 5%	,2079000*	,0211483	,000	,161822	,253978
	FRC fiber 15%	-,4288250*	,0211483	,000	-,474903	-,382747
FRC fiber 15%	FRC fiber 0%	,8430250*	,0211483	,000	,796947	,889103
	FRC fiber 5%	,6367250*	,0211483	,000	,590647	,682803
	FRC fiber 10%	,4288250*	,0211483	,000	,382747	,474903

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