

## เอกสารอ้างอิง

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**ภาคผนวก**

ตาราง ก แสดงผลการวิเคราะห์ความแปรปรวนแบบจำแนกทางเดียว (1-way ANOVA)

**ANOVA**

tensile

			Sum of Squares	df	Mean Square	F	Sig.
Between Groups	(Combined)		80.625	4	20.156	4.112	.008
	Linear Term	Contrast	16.791	1	16.791	3.426	.073
		Deviation	63.833	3	21.278	4.341	.011
Within Groups			171.550	35	4.901		
Total			252.175	39			

ตาราง ข แสดงผลการทดสอบเชิงซ้อนด้วยวิธีทูที ที่ค่าความเชื่อมั่นร้อยละ 95

**Multiple Comparisons**

tensile  
Tukey HSD

(I) treatment	(J) treatment	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
control	silane	-.48271487	1.10695914	.992	-3.6652892	2.6998595
	Ar	3.05283638	1.10695914	.065	-.1297380	6.2354107
	He+air	2.66334888	1.10695914	.138	-.5192255	5.8459232
	Ar+air	.71766262	1.10695914	.966	-2.4649117	3.9002370
silane	control	.48271487	1.10695914	.992	-2.6998595	3.6652892
	Ar	3.53555125	1.10695914	.023	.3529769	6.7181256
	He+air	3.14606375	1.10695914	.054	-.0365106	6.3286381
	Ar+air	1.20037750	1.10695914	.813	-1.9821969	4.3829519
Ar	control	-3.05283638	1.10695914	.065	-6.2354107	.1297380
	silane	-3.53555125	1.10695914	.023	-6.7181256	-.3529769
	He+air	-.38948750	1.10695914	.997	-3.5720619	2.7930869
	Ar+air	-2.33517375	1.10695914	.239	-5.5177481	.8474006
He+air	control	-2.66334888	1.10695914	.138	-5.8459232	.5192255
	silane	-3.14606375	1.10695914	.054	-6.3286381	.0365106
	Ar	.38948750	1.10695914	.997	-2.7930869	3.5720619
	Ar+air	-1.94568625	1.10695914	.414	-5.1282606	1.2368881
Ar+air	control	-.71766262	1.10695914	.966	-3.9002370	2.4649117
	silane	-1.20037750	1.10695914	.813	-4.3829519	1.9821969
	Ar	2.33517375	1.10695914	.239	-.8474006	5.5177481
	He+air	1.94568625	1.10695914	.414	-1.2368881	5.1282606

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



