

G. ANOVA para parámetros de textura de las películas comestibles MAG, MPG y Q ($\alpha=0.05$)

a. Elongación (mm)

One-way ANOVA: Elongación (mm) versus Película					
Analysis of Variance for Elongaci					
Source	DF	SS	MS	F	P
Película	8	945.488	118.186	266.54	0.000
Error	45	19.953	0.443		
Total	53	965.441			
Individual 95% CIs For Mean Based on Pooled StDev					
Level	N	Mean	StDev	-----+-----+-----+-----+-----+	
MAG 40	6	5.917	0.659		(-*)
MAG 50	6	6.100	0.885		(*)
MAG 60	6	6.983	0.431		(-*)
MPG 40	6	13.183	0.611		(-*)
MPG 50	6	12.933	0.940		(-*)
MPG 60	6	10.867	1.060		(-*)
Q 40	6	1.733	0.151	(-*)	
Q 50	6	2.467	0.356	(-*)	
Q 60	6	2.650	0.243	(-*)	
-----+-----+-----+-----+-----+					
Pooled StDev =		0.666		3.5	7.0 10.5

b. Fuerza de rompimiento (gf)

One-way ANOVA: Fuerza (gf) versus Película					
Analysis of Variance for Fuerza (
Source	DF	SS	MS	F	P
Película	8	12505175	1563147	349.06	0.000
Error	45	201518	4478		
Total	53	12706693			
Individual 95% CIs For Mean Based on Pooled StDev					
Level	N	Mean	StDev	-----+-----+-----+-----+-----+	
MAG 40	6	284.3	27.6		(*)
MAG 50	6	415.8	53.0		(*)
MAG 60	6	479.0	24.8		(-*)
MPG 40	6	287.4	23.7		(*)
MPG 50	6	314.8	32.4		(*)
MPG 60	6	366.5	24.8		(*)
Q 40	6	1032.0	101.6		(*)
Q 50	6	1209.4	114.9		(*)
Q 60	6	1693.7	101.9		(*)
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Pooled StDev =		66.9		500	1000 1500 2000

c. Área (g/s)

One-way ANOVA: Área (g/s) versus Película

Analysis of Variance for Área (g/s)

Source	DF	SS	MS	F	P
Película	8	4263071	532884	34.64	0.000
Error	45	692216	15383		
Total	53	4955287			

Individual 95% CIs For Mean
Based on Pooled StDev

Level	N	Mean	StDev	
MAG 40	6	655.8	101.5	(--*--)
MAG 50	6	842.7	78.9	(--*--)
MAG 60	6	1259.1	98.5	(--*--)
MPG 40	6	1267.2	102.7	(--*--)
MPG 50	6	1326.7	34.3	(--*--)
MPG 60	6	1413.5	104.9	(--*--)
Q 40	6	911.2	136.9	(--*--)
Q 50	6	1079.3	115.6	(--*--)
Q 60	6	1578.5	239.5	(--*--)

Pooled StDev = 124.0 700 1050 1400 1750

d. Gradiente (g/s)

One-way ANOVA: Gradiente (g/s) versus Película

Analysis of Variance for Gradiente

Source	DF	SS	MS	F	P
Película	8	5556044	694505	374.56	0.000
Error	45	83438	1854		
Total	53	5639482			

Individual 95% CIs For Mean
Based on Pooled StDev

Level	N	Mean	StDev	
MAG 40	6	62.70	6.75	(*)
MAG 50	6	84.27	6.77	(*)
MAG 60	6	109.53	8.45	(-*)
MPG 40	6	32.98	3.32	(*)
MPG 50	6	37.13	4.80	(*)
MPG 60	6	54.42	5.91	(*)
Q 40	6	574.08	57.86	(*)
Q 50	6	681.22	90.75	(*)
Q 60	6	907.00	69.80	(*)

Pooled StDev = 43.06 0 300 600 900