

PlotByBatchS.lst

LDEOC Silicone

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

## Class Level Information

Class	Levels	Values
SPECIAL	8	1 2 3 4 5 6 7 8
Number of Observations Read		301
Number of Observations Used		301

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

Dependent Variable: VOLC

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	541.189464	77.312781	2.56	0.0143
Error	293	8851.662837	30.210453		
Corrected Total	300	9392.852301			

R-Square	Coeff Var	Root MSE	VOLC Mean
0.057617	17.13061	5.496404	32.08528

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SPECIAL	7	541.1894645	77.3127806	2.56	0.0143

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SPECIAL	7	541.1894645	77.3127806	2.56	0.0143

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

Dependent Variable: HARD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	122.354986	17.479284	4.82	<.0001
Error	293	1062.827738	3.627398		
Corrected Total	300	1185.182724			

R-Square	Coeff Var	Root MSE	HARD Mean
0.103237	-8.852324	1.904573	-21.51495

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SPECIAL	7	122.3549863	17.4792838	4.82	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SPECIAL	7	122.3549863	17.4792838	4.82	<.0001

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

Dependent Variable: TENS

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	974.913563	139.273366	7.01	<.0001
Error	293	5825.390046	19.881877		
Corrected Total	300	6800.303609			

R-Square	Coeff Var	Root MSE	TENS Mean
0.143363	-12.82522	4.458910	-34.76674

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SPECIAL	7	974.9135631	139.2733662	7.01	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SPECIAL	7	974.9135631	139.2733662	7.01	<.0001

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

Least Squares Means

SPECIAL	VOLC LSMEAN	LSMEAN Number
1	29.6116667	1
2	33.7500000	2
3	30.4063889	3
4	32.3800000	4
5	32.8459574	5
6	30.9133333	6
7	33.2127869	7
8	33.7160870	8

Least Squares Means for effect SPECIAL

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: VOLC

i/j	1	2	3	4	5	6	7	8
1		0.0291	0.6648	0.3146	0.0699	0.4425	0.0389	0.0369
2	0.0291		0.0154	0.5788	0.4866	0.0167	0.6651	0.9824
3	0.6648	0.0154		0.4161	0.0460	0.6420	0.0157	0.0248
4	0.3146	0.5788	0.4161		0.8451	0.5278	0.7235	0.5963
5	0.0699	0.4866	0.0460	0.8451		0.0531	0.7312	0.5344
6	0.4425	0.0167	0.6420	0.5278	0.0531		0.0128	0.0304
7	0.0389	0.6651	0.0157	0.7235	0.7312	0.0128		0.7085
8	0.0369	0.9824	0.0248	0.5963	0.5344	0.0304	0.7085	

SPECIAL	HARD LSMEAN	LSMEAN Number
1	-22.4166667	1
2	-22.2758621	2
3	-21.8055556	3
4	-23.3333333	4
5	-21.2340426	5
6	-21.8045977	6
7	-20.9344262	7
8	-20.1739130	8

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

Least Squares Means

Least Squares Means for effect SPECIAL

Pr &gt; |t| for H0: LSmean(i)=LSmean(j)

Dependent Variable: HARD

i/j	1	2	3	4	5	6	7	8
1		0.8296	0.3365	0.3365	0.0559	0.2975	0.0143	0.0011
2	0.8296		0.3232	0.2167	0.0212	0.2495	0.0020	<.0001
3	0.3365	0.3232		0.0699	0.1765	0.9980	0.0303	0.0015
4	0.3365	0.2167	0.0699		0.0115	0.0582	0.0035	0.0003
5	0.0559	0.0212	0.1765	0.0115		0.0990	0.4183	0.0295
6	0.2975	0.2495	0.9980	0.0582	0.0990		0.0066	0.0003
7	0.0143	0.0020	0.0303	0.0035	0.4183	0.0066		0.1038
8	0.0011	<.0001	0.0015	0.0003	0.0295	0.0003	0.1038	

SPECIAL	TENS LSMEAN	LSMEAN Number
1	-39.2583333	1
2	-37.1931034	2
3	-35.6766667	3
4	-34.8166667	4
5	-36.3212766	5
6	-33.0083908	6
7	-34.4383607	7
8	-32.2721739	8

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch

The GLM Procedure

Least Squares Means

Least Squares Means for effect SPECIAL

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: TENS

i/j	1	2	3	4	5	6	7	8
1		0.1783	0.0166	0.0473	0.0426	<.0001	0.0007	<.0001
2	0.1783		0.1739	0.2357	0.4083	<.0001	0.0065	<.0001
3	0.0166	0.1739		0.6621	0.5144	0.0028	0.1874	0.0045
4	0.0473	0.2357	0.6621		0.4370	0.3374	0.8429	0.2142
5	0.0426	0.4083	0.5144	0.4370		<.0001	0.0304	0.0004
6	<.0001	<.0001	0.0028	0.3374	<.0001		0.0558	0.4819
7	0.0007	0.0065	0.1874	0.8429	0.0304	0.0558		0.0480
8	<.0001	<.0001	0.0045	0.2142	0.0004	0.4819	0.0480	

NOTE: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Lab

The GLM Procedure

## Class Level Information

Class	Levels	Values
LTMSLAB	5	A B E G I

Number of Observations Read 301

Number of Observations Used 301



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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Lab

The GLM Procedure

Dependent Variable: VOLC

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	896.772790	224.193198	7.81	<.0001
Error	296	8496.079511	28.702971		
Corrected Total	300	9392.852301			

R-Square	Coeff Var	Root MSE	VOLC Mean
0.095474	16.69773	5.357515	32.08528

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	4	896.7727904	224.1931976	7.81	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	4	896.7727904	224.1931976	7.81	<.0001

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Lab

The GLM Procedure

Dependent Variable: HARD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	737.608586	184.402147	121.95	<.0001
Error	296	447.574138	1.512075		
Corrected Total	300	1185.182724			

R-Square	Coeff Var	Root MSE	HARD Mean
0.622359	-5.715396	1.229665	-21.51495

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	4	737.6085864	184.4021466	121.95	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	4	737.6085864	184.4021466	121.95	<.0001

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Lab

The GLM Procedure

Dependent Variable: TENS

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	419.475303	104.868826	4.86	0.0008
Error	296	6380.828306	21.556852		
Corrected Total	300	6800.303609			

R-Square	Coeff Var	Root MSE	TENS Mean
0.061685	-13.35453	4.642936	-34.76674

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	4	419.4753033	104.8688258	4.86	0.0008

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	4	419.4753033	104.8688258	4.86	0.0008

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Lab

The GLM Procedure

Least Squares Means

LTMSLAB	VOLC LSMEAN	LSMEAN Number
A	30.1254082	1
B	34.5691935	2
E	31.3966667	3
G	33.1973418	4
I	31.2628302	5

Least Squares Means for effect LTMSLAB

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: VOLC

i/j	1	2	3	4	5
1		<.0001	0.4962	0.0002	0.2141
2	<.0001		0.0980	0.1323	0.0011
3	0.4962	0.0980		0.3402	0.9448
4	0.0002	0.1323	0.3402		0.0429
5	0.2141	0.0011	0.9448	0.0429	

LTMSLAB	HARD LSMEAN	LSMEAN Number
A	-22.5306122	1
B	-23.1290323	2
E	-19.3333333	3
G	-19.1772152	4
I	-21.6037736	5

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Lab

The GLM Procedure

Least Squares Means

Least Squares Means for effect LTMSLAB

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: HARD

i/j	1	2	3	4	5
1		0.0029	<.0001	<.0001	<.0001
2	0.0029		<.0001	<.0001	<.0001
3	<.0001	<.0001		0.7184	<.0001
4	<.0001	<.0001	0.7184		<.0001
5	<.0001	<.0001	<.0001	<.0001	

LTMSLAB	TENS LSMEAN	LSMEAN Number
A	-33.5397959	1
B	-34.7467742	2
E	-31.6211111	3
G	-35.6455696	4
I	-36.2830189	5

Least Squares Means for effect LTMSLAB

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: TENS

i/j	1	2	3	4	5
1		0.1102	0.2364	0.0029	0.0006
2	0.1102		0.0601	0.2548	0.0780
3	0.2364	0.0601		0.0143	0.0057
4	0.0029	0.2548	0.0143		0.4400
5	0.0006	0.0780	0.0057	0.4400	

NOTE: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

## Class Level Information

Class	Levels	Values
SPECIAL	8	1 2 3 4 5 6 7 8
LTMSLAB	5	A B E G I

Number of Observations Read	301
Number of Observations Used	301

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Dependent Variable: VOLC

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	30	1570.164611	52.338820	1.81	0.0078
Error	270	7822.687690	28.972917		
Corrected Total	300	9392.852301			

R-Square	Coeff Var	Root MSE	VOLC Mean
0.167166	16.77607	5.382650	32.08528

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SPECIAL	7	541.1894645	77.3127806	2.67	0.0110
LTMSLAB	4	612.7349582	153.1837395	5.29	0.0004
SPECIAL*LTMSLAB	19	416.2401880	21.9073783	0.76	0.7579

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SPECIAL	7	90.7213257	12.9601894	0.45	0.8716
LTMSLAB	4	315.4112236	78.8528059	2.72	0.0300
SPECIAL*LTMSLAB	19	416.2401880	21.9073783	0.76	0.7579

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Dependent Variable: HARD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	30	855.037437	28.501248	23.31	<.0001
Error	270	330.145287	1.222760		
Corrected Total	300	1185.182724			

R-Square	Coeff Var	Root MSE	HARD Mean
0.721439	-5.139612	1.105785	-21.51495

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SPECIAL	7	122.3549863	17.4792838	14.29	<.0001
LTMSLAB	4	665.2001675	166.3000419	136.00	<.0001
SPECIAL*LTMSLAB	19	67.4822830	3.5516991	2.90	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SPECIAL	7	39.0235808	5.5747973	4.56	<.0001
LTMSLAB	4	529.5918500	132.3979625	108.28	<.0001
SPECIAL*LTMSLAB	19	67.4822830	3.5516991	2.90	<.0001



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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Dependent Variable: TENS

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	30	2466.015958	82.200532	5.12	<.0001
Error	270	4334.287652	16.052917		
Corrected Total	300	6800.303609			

R-Square	Coeff Var	Root MSE	TENS Mean
0.362633	-11.52426	4.006609	-34.76674

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SPECIAL	7	974.9135631	139.2733662	8.68	<.0001
LTMSLAB	4	517.0105105	129.2526276	8.05	<.0001
SPECIAL*LTMSLAB	19	974.0918840	51.2679939	3.19	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SPECIAL	7	723.8393041	103.4056149	6.44	<.0001
LTMSLAB	4	170.3027562	42.5756890	2.65	0.0336
SPECIAL*LTMSLAB	19	974.0918840	51.2679939	3.19	<.0001

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Least Squares Means

SPECIAL	VOLC LSMEAN	LSMEAN Number
1	Non-est	1
2	Non-est	2
3	31.5569048	3
4	Non-est	4
5	32.8373485	5
6	31.0306540	6
7	32.7964444	7
8	33.1261429	8

Least Squares Means for effect SPECIAL

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: VOLC

i/j	1	2	3	4	5	6	7	8
1	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.
3	.	.	.	.	0.4864	0.7516	0.4340	0.4214
4	.	.	.	.	.	.	.	.
5	.	.	0.4864	.	.	0.2613	0.9786	0.8794
6	.	.	0.7516	.	0.2613	.	0.1773	0.2274
7	.	.	0.4340	.	0.9786	0.1773	.	0.8424
8	.	.	0.4214	.	0.8794	0.2274	0.8424	.

SPECIAL	HARD LSMEAN	LSMEAN Number
1	Non-est	1
2	Non-est	2
3	-22.3440476	3
4	Non-est	4
5	-21.3865867	5
6	-21.2502608	6
7	-20.6592004	7
8	-20.7685714	8

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Least Squares Means

Least Squares Means for effect SPECIAL

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: HARD

i/j	1	2	3	4	5	6	7	8
1	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.
3	.	.	.	.	0.0117	0.0015	<.0001	0.0001
4	.	.	.	.	.	.	.	.
5	.	.	0.0117	.	.	0.6796	0.0209	0.1148
6	.	.	0.0015	.	0.6796	.	0.0284	0.1769
7	.	.	<.0001	.	0.0209	0.0284	.	0.7482
8	.	.	0.0001	.	0.1148	0.1769	0.7482	.

SPECIAL	TENS LSMEAN	LSMEAN Number
1	Non-est	1
2	Non-est	2
3	-34.9033571	3
4	Non-est	4
5	-36.9050989	5
6	-33.2053062	6
7	-33.2858124	7
8	-32.4668571	8

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Least Squares Means

Least Squares Means for effect SPECIAL

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: TENS

i/j	1	2	3	4	5	6	7	8
1	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.
3	.	.	.	.	0.1444	0.1707	0.1707	0.0942
4	.	.	.	.	.	.	.	.
5	.	.	0.1444	.	.	0.0022	0.0016	0.0019
6	.	.	0.1707	.	0.0022	.	0.9340	0.5672
7	.	.	0.1707	.	0.0016	0.9340	.	0.5072
8	.	.	0.0942	.	0.0019	0.5672	0.5072	.

NOTE: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.

LTMSLAB	VOLC LSMEAN	LSMEAN Number
A	30.5982129	1
B	Non-est	2
E	Non-est	3
G	Non-est	4
I	Non-est	5

Least Squares Means for effect LTMSLAB

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: VOLC

i/j	1	2	3	4	5
1	.	.	.	.	.
2	.	.	.	.	.
3	.	.	.	.	0.9093
4	.	.	.	.	.
5	.	.	0.9093	.	.

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Least Squares Means

LTMSLAB	HARD LSMEAN	LSMEAN Number
A	-22.5946263	1
B	Non-est	2
E	Non-est	3
G	Non-est	4
I	Non-est	5

Least Squares Means for effect LTMSLAB

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: HARD

i/j	1	2	3	4	5
1	.	.	.	.	.
2	.	.	.	.	.
3	.	.	.	.	0.0002
4	.	.	.	.	.
5	.	.	0.0002	.	.

LTMSLAB	TENS LSMEAN	LSMEAN Number
A	-34.5285693	1
B	Non-est	2
E	Non-est	3
G	Non-est	4
I	Non-est	5

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All Valid Reference Data and All Valid Batch 8 Runs

Analyzed by Elastomer Batch &amp; Lab

The GLM Procedure

Least Squares Means

Least Squares Means for effect LTMSLAB

Pr &gt; |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: TENS

i/j	1	2	3	4	5
1		.	.	.	.
2	.		.	.	.
3	.	.		.	0.0460
4	.	.	.		.
5	.	.	0.0460	.	

NOTE: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.

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All Valid Reference Data and All Valid Batch 8 Runs  
Distribution of Data Set

The FREQ Procedure

Table of LTMSLAB by SPECIAL

LTMSLAB	SPECIAL								Total
Frequency,	1	2	3	4	5	6	7	8	
Percent									
Row Pct									
Col Pct									
A	12	4	5	5	13	47	10	2	98
	3.99	1.33	1.66	1.66	4.32	15.61	3.32	0.66	32.56
	12.24	4.08	5.10	5.10	13.27	47.96	10.20	2.04	
	100.00	13.79	13.89	83.33	27.66	54.02	16.39	8.70	
B	0	19	7	1	7	5	16	7	62
	0.00	6.31	2.33	0.33	2.33	1.66	5.32	2.33	20.60
	0.00	30.65	11.29	1.61	11.29	8.06	25.81	11.29	
	0.00	65.52	19.44	16.67	14.89	5.75	26.23	30.43	
E	0	0	1	0	1	2	3	2	9
	0.00	0.00	0.33	0.00	0.33	0.66	1.00	0.66	2.99
	0.00	0.00	11.11	0.00	11.11	22.22	33.33	22.22	
	0.00	0.00	2.78	0.00	2.13	2.30	4.92	8.70	
G	0	6	15	0	15	14	19	10	79
	0.00	1.99	4.98	0.00	4.98	4.65	6.31	3.32	26.25
	0.00	7.59	18.99	0.00	18.99	17.72	24.05	12.66	
	0.00	20.69	41.67	0.00	31.91	16.09	31.15	43.48	
I	0	0	8	0	11	19	13	2	53
	0.00	0.00	2.66	0.00	3.65	6.31	4.32	0.66	17.61
	0.00	0.00	15.09	0.00	20.75	35.85	24.53	3.77	
	0.00	0.00	22.22	0.00	23.40	21.84	21.31	8.70	
Total	12	29	36	6	47	87	61	23	301
	3.99	9.63	11.96	1.99	15.61	28.90	20.27	7.64	100.00