



NHTSA 35mph NCAP Test Summary

2008 Chevrolet Malibu LS 4-Door Sedan NHTSA No. M80102

December 6, 2007

	HIC Values				3 Msec Chest Clip		
	Value	t ¹	t ²	Avg. G's	G's	t ¹	t ²
Driver Primary	329.7	73.7	109.7	38.4	43.1	62.5	65.5
Driver Redundant	328.9	73.7	109.7	38.4	43.1	62.4	65.4
Passenger Primary	389.3	65.0	101.0	41.0	42.2	76.9	79.9
Passenger Redundant	388.5	65.0	101.0	41.0	42.2	76.8	79.8

	Nij Values			
	Ntf	Nte	Ncf	Nce
Driver	0.24	0.27	0.22	0.39
Passenger	0.21	0.33	0.21	0.00

	Peak Chest Deflections		
	MM	Inches	t ¹
Driver	-39.4	-1.55	59.9
Pass.	-31.7	-1.25	73.5

	Peak Femur Forces			
	Min (N)	Time	Min (Lbs)	Time
Driver Left	-2021.1	63.5	-454.4	63.5
Driver Right	-1247.6	56.9	-280.5	56.9
Passenger Left	-459.9	87.5	-103.4	87.5
Passenger Right	-787.9	45.7	-177.1	45.7

Vehicle Safety Features		
ADL	ABS	Adj. Belt Anchors
Yes	Yes	Yes
Pretensioners		Load Limiter
Yes		Yes

	Test Particulars			
	Metric Units		English Units	
	Units	Value	Units	Value
Vehicle Velocity	km/h	56.12	mph	34.88
Vehicle Curb Weight	kg	1556	lbs	3430
Vehicle Test Weight	kg	1778	lbs	3920

Test Vehicle Doors	
Can Disable ADL's Using Owners Manual	No
Doors Locked (Pre)	Yes
Doors Latched (Post)	Yes

	Airbag Deployment			
	Front	Knee	Side	Curtain
Driver	Yes			
Passenger	Yes			

Standards Measured Post Test	
212 - Windshield Periphery Retention	Yes
219 (Partial) - Windshield Zone	Yes
301 - Fuel System Integrity	Yes

Comments:

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