

Composite Material Constitution	
Epoxy Adhesive	82% ER, 18% DMA
NOMEX HC	50.6% PA, 49.4% PF
Synthetic Leather	19.8% Cotton, 35.7% PC, 39.7% PU-PF, 4.8% PBDE

Product-Level Aggregated Impacts	Seats				Linings		Bins	Floor		Total Impact per material	Average Impact per material		
	I. Metallic Structure	II. Composite Structure	III. Comfort Interfaces	IV. Misc.	V. Sidewall Panel	VI. Insulation Bunkets	VII. Overhead bins	VIII. Carpet	IX. Floor Panel				
	Aluminium	10425.67	2947.38	317.16			4009.86		1978.22			#####	1229.9
	Brass	684.52		1163.68								1848.2	115.5
	Cu wiring			51.47								51.5	3.2
	Stainless Steel		716.97	717.96					946.21			1485.8	93.1
	Cotton											946.2	59.1
	Leather		8410.15									8410.2	525.6
	Silicone Rubber			12.26	16.73							29.0	1.8
	CFRP		43578.89									#####	2723.7
GFPR					587.24	3882.17	847.02		5316.4	332.3			
Epoxy Adhesive								6.68	6.9	0.4			
Latex								89.46	89.5	5.6			
NOMEX HC					155.97		224.98		381.0	23.8			
PA	60.51	484.05	143.20					588.25	1276.0	79.8			
PC			4120.36	7.45					4127.8	258.0			
PEI					228.92				228.9	14.3			
PET Film			142.49	109.24		30.49		110.82	393.0	24.6			
PMMA					214.47				214.5	13.4			
PU Flexible Foam			4316.70						4316.7	268.8			
PU Rigid Foam			5670.09	172.06					5682.7	365.1			
PVC Film			33.53	13.41	146.48		211.28		404.7	25.3			
Total Score	11110.2	43639.4	26841.7	2761.9	1349.8	3912.7	5293.1	1734.7	1984.9				
Average Score	694.4	2727.5	1677.6	172.6	84.4	244.5	330.8	108.4	124.1				
Rank	3	1	2	6	9	5	4	8	7				

