

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-FF, 4.8% PBDE

Product-Level Aggregated Impacts	Seats	Linings	Bins	Floor		Average impact per material
				viii. Insulation Blankets	ix. Fibre Panel	
i. Metallic Structure	Aluminum	10237.11	2894.07	311.43	3937.34	1942.44 ##### 1288.2
	Brass	727.90		1237.43		1965.3 131.0
ii. Composite Structure	Cu wiring			64.68		64.7 4.3
	Stainless Steel	559.35	602.26			1161.6 77.4
iii. Comfort Interfaces	Cotton				605.67	605.7 40.4
	Leather		6565.83			6565.8 437.7
iv. Misc.	Silicone Rubber		15.30	20.88		36.2 2.4
	CFRP	49958.27				##### 3330.6
v. Sidewall Panel	GRFP		562.79	3720.52	811.75	5095.1 339.7
	Epoxy Adhesive					8.09 8.1 0.5
vi. Overhead bins	Latex					169.22 169.2 11.3
	NOMEX HC		177.70		256.31	434.0 28.9
vii. Carpet	PA	64.82	518.52	153.40		1366.9 91.1
	PC		4199.78	7.59		4207.4 280.5
viii. Fibre Panel	PEI			233.34		233.3 15.6
	PET Film		178.76	137.05	38.25	139.04 493.1 32.9
ix. Insulation Blankets	PMMA			406.10		406.1 27.1
	PU Flexible Foam		4686.51			4686.5 312.4
x. Fibre Panel	PU Rigid Foam		3779.74	114.70		3894.4 259.6
	PVC Film		37.69	15.07	164.62	454.8 30.3
Total Score	10965.0	50023.1	23420.3	2658.9	1565.4	3758.8 5242.8 1544.1 1950.5
Average Score	731.0	3334.9	1561.4	177.3	104.4	250.6 349.5 102.9 130.0
Rank	3	1	2	6	8	4 9 7

