

Erratum

Shock response of the commercial high explosive Detasheet

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Unfortunately Table 1 was accidentally omitted from this paper. It is therefore printed now below:

Table 1. Summary of impact experiment measurements

Exp.-no. ^a	Impact velocity (km/s) ^b	Shock-velocity (km/s) ^c	Particle velocity (km/s)			Impact surface stress (GPa)		
			A ^d	B ^e	C ^f	A ^d	B ^g	Equil. ^h
2377-8	0.126	2.027	0.107	0.10	0.11	0.321	0.31	0.35
2382-3	0.132	2.069	0.112	0.10	0.11	0.342	0.30	0.32
2383-3	0.231	2.304	0.192	0.19	0.20	0.655	0.63	0.68
2379-8	0.238	2.286	0.198	0.18	0.20	0.671	0.65	0.76
2374-8	0.381	2.566	0.312	—	—	1.184	—	—
2384-3	0.390	2.587	0.319	—	—	1.222	—	—
2378-3	0.529	2.840	0.425	0.45	0.42	1.787	1.9	2.1
2376-3	0.730	3.175	0.575	0.60	0.57	2.701	2.8	3.2

^aExperiment number-nominal sample thickness in millimeters

^bProjectile impact velocity measurement, 0.1% accuracy

^cAverage shock velocity measurement through sample, 0.15% accuracy for 8 mm sample, 0.4% accuracy for 3 mm sample

^dMethod A calculation using intersection of z-SiO₂ Hugoniot and Detasheet $\rho_0 U_s$ slope

^eMethod B calculation using PVDF instantaneous stress divided by Detasheet $\rho_0 U_s$

^fMethod C calculation using intersection of z-SiO₂ Hugoniot and PVDF impact stress measurement^g

^gPVDF instantaneous impact stress measurement

^hPVDF equilibrium impact stress measurement