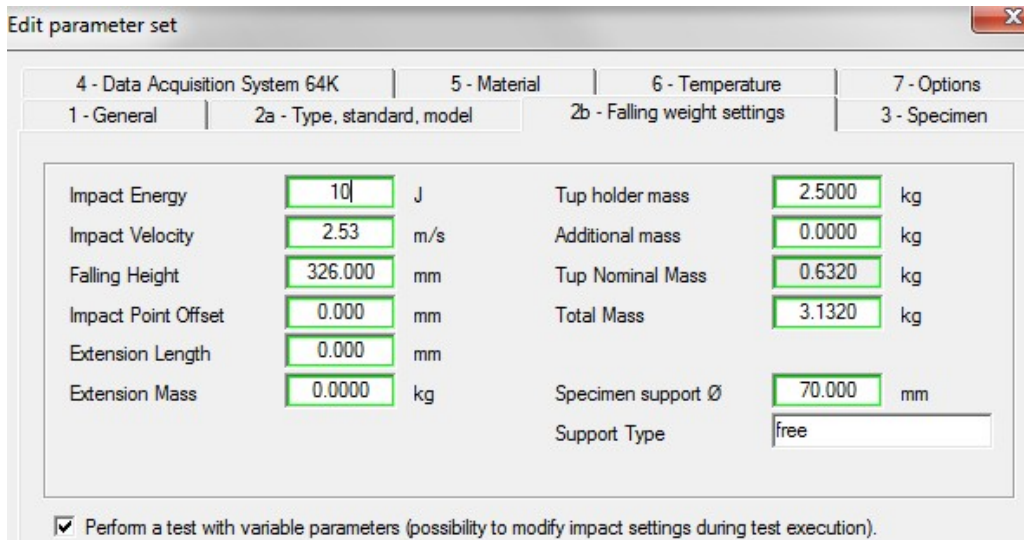


Article

Supplementary Materials: Compression after Impact Behaviour and Failure Analysis of Nanosilica Toughened Thin Epoxy/GFRP Composite Laminates

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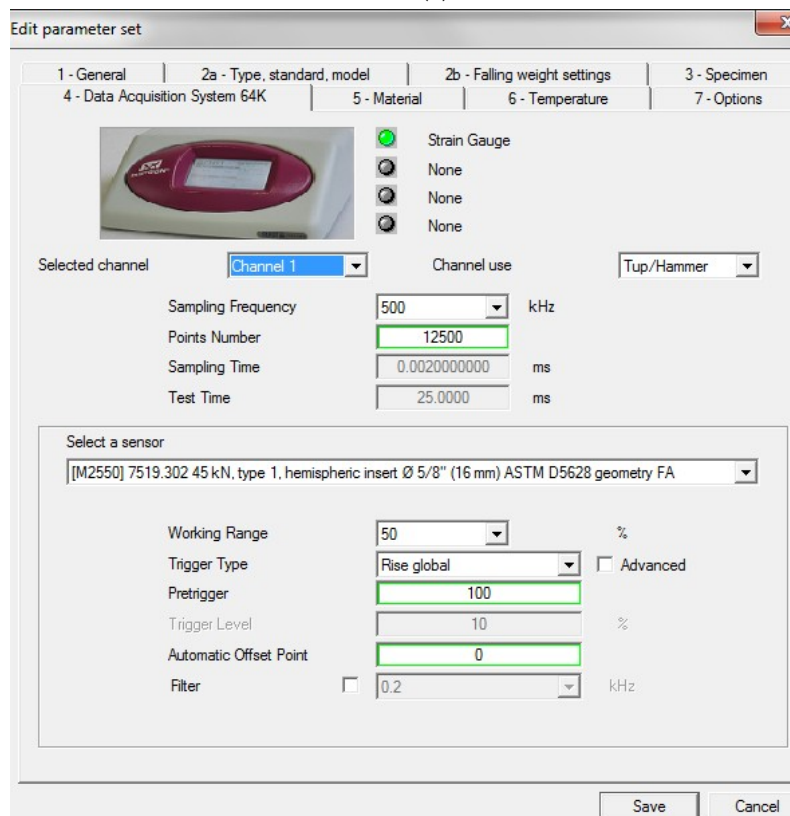


4 - Data Acquisition System 64K | 5 - Material | 6 - Temperature | 7 - Options
 1 - General | 2a - Type, standard, model | 2b - Falling weight settings | 3 - Specimen


Impact Energy	10	J	Tup holder mass	2.5000	kg
Impact Velocity	2.53	m/s	Additional mass	0.0000	kg
Falling Height	326.000	mm	Tup Nominal Mass	0.6320	kg
Impact Point Offset	0.000	mm	Total Mass	3.1320	kg
Extension Length	0.000	mm	Specimen support Ø	70.000	mm
Extension Mass	0.0000	kg	Support Type	free	

Perform a test with variable parameters (possibility to modify impact settings during test execution).

(a)



1 - General | 2a - Type, standard, model | 2b - Falling weight settings | 3 - Specimen
 4 - Data Acquisition System 64K | 5 - Material | 6 - Temperature | 7 - Options



Strain Gauge
 None
 None
 None

Selected channel: Channel 1 | Channel use: Tup/Hammer

Sampling Frequency: 500 kHz
 Points Number: 12500
 Sampling Time: 0.0020000000 ms
 Test Time: 25.0000 ms

Select a sensor: [M2550] 7519.302 45 kN, type 1, hemispheric insert Ø 5/8" (16 mm) ASTM D5628 geometry FA

Working Range: 50 %
 Trigger Type: Rise global Advanced
 Pretrigger: 100
 Trigger Level: 10 %
 Automatic Offset Point: 0
 Filter: 0.2 kHz

Save | Cancel

(b)

Figure S1. (a) Low velocity impact test parameters (b) Data Acquisition System parameters.