Fabrication, characterisation and modelling of uniform and gradient auxetic foam sheets

DUNCAN, Oliver, ALLEN, Tom, FOSTER, Leon <http://orcid.org/0000-0002-1551-0316>, SENIOR, Terry <http://orcid.org/0000-0002-3049-5724> and ALDERSON, Andrew <http://orcid.org/0000-0002-6281-2624>

Available from Sheffield Hallam University Research Archive (SHURA) at:
http://shura.shu.ac.uk/14650/

This document is the author deposited version. You are advised to consult the publisher's version if you wish to cite from it.

Published version


Copyright and re-use policy

See http://shura.shu.ac.uk/information.html
Figure 6: Impact responses. Median acceleration-time traces for the 6J impacts to the gradient sheet impacted through thickness (parallel to the z-axis) in regions with VCR=2.9 and VCR = 1 with the 2 mm PP shell placed on top. Start of impact manually selected at a point when acceleration was greater than 0.