

Academic

Editați

Exportați



LINUL EMANOIL

Determination of elastic and damping properties for closed-cell aluminium foams using Impulse Excitation Technique

[\[PDF\] de la researchgate.net](#)

Autori T Voiconi, L Marsavina, E Linul, J Kováčik

Data publicării 2014

Jurnal Proceedings of XIIIth Youth Symposium of Experimental Solid Mechanics

Pagini 141-145

Descriere Summary: The damping behavior of metallic foams is excellent. This attribute can be useful in applications in lightweight structures to overcome noise and vibration problems. This paper presents an experimental investigation for determination of elastic and damping properties for ductile aluminum foam (AlMg1Si0.6) produced by the powder metallurgy method. The Resonant Frequency and Damping Analyzer (RFDA), which is a nondestructive testing device to determine the resonant frequency of materials, were used to perform the ...

Articole Google [Determination of elastic and damping properties for closed-cell aluminium foams using Impulse Excitation Technique](#)
Academic T Voiconi, L Marsavina, E Linul, J Kováčik - Proceedings of XIIIth Youth Symposium of ..., 2014
[Articole cu conținut similar](#) - [Toate cele 2 versiuni](#)

Datele și numărul de citate sunt estimate și determinate automat de un program de computer.

[Ajutor](#)[Confidențialitate](#)[Termeni](#)[Trimiteți feedback](#)[Citatele mele](#)