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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 16406-1996

**Acoustics. Flexural resonancetesting method for damping
properties of acoustical materials**

(English Translation)

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Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard specifies the method for determining the acoustic material bending resonance damping properties. This standard applies evenly and uniformly layered acoustic materials, the measurement results can provide a basis for the design and construction of acoustic noise and vibration control design, can also be used to evaluate the effect of vibration damping composite structure of the sample. Test methods specified in this standard, in the 10 Hz to 1000 Hz frequency range, the storage modulus of the lower limit of the measuring range of up to 0. 5MPa, the loss factor measurement range of 10^{-2} to 10^{-1} amount level.

Document data

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Standards quoted by this document

GB/T 3974-1996; GB 4472-1984; GB 9870-1988; ISO 10112-1991