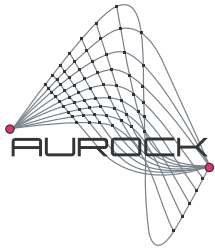


High-temperature characterization of mechanical properties of your materials

up to 1050 °C under air



via Impulse Excitation of Vibration

Material properties

- Young's modulus (> 1 GPa)
- Poisson's ratio and Shear modulus
- Damage: comparative material study
- Damping or internal friction

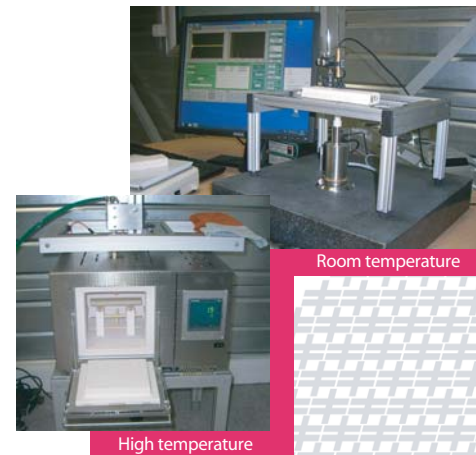
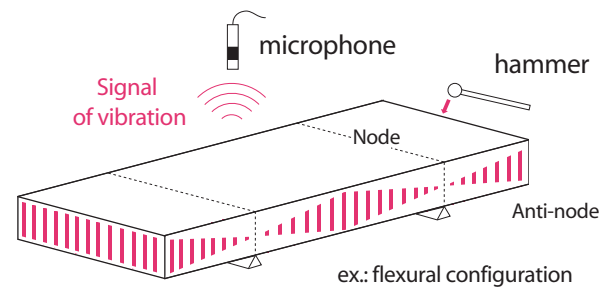
Sample characteristics

Homogeneous and isotropic

- Ceramic
- Metal
- Glass
- Polymer
- ...

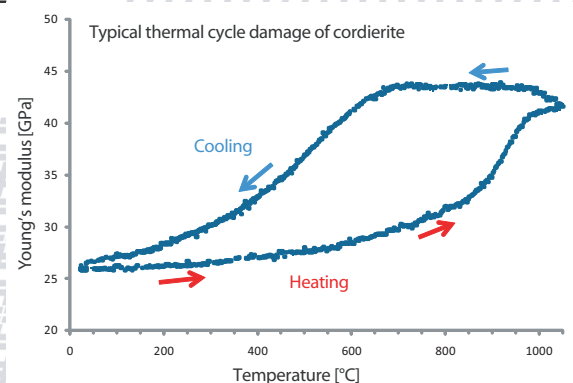


- Rectangular bars 20-200 mm long by 3-80 mm thickness and wide



Specifications

- Standard test method ASTM E 1876, ISO 12680-1, ENV 843-2
- Temperature range from 20 to 1050 °C under air
- Heating/colding rate: 1 to 5 °C/min
- Complex thermal cycles
- For non-homogeneous and anisotropic materials or for special geometries, please contact us.



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Thinkdifferently!