

Piezoelectric Material



Features

- Suitable for precision motion
- Wide range of application fields
- Vacuum compatible, not affected by electromagnetic interference
- Possesses a certain level of mechanical strength and high compressive resistance

Description

Piezoelectric materials can generate an electric field due to mechanical deformation, and they can also undergo mechanical deformation in response to an applied electric field. This inherent electromechanical coupling effect has led to widespread applications of piezoelectric materials in engineering. For instance, active vibration damping, noise control, non-destructive testing, and ultrasound imaging, among others.