

UNIAXIAL

Meaning: UNIAXIAL: Pertaining to a single axis or direction, often used to describe stress or loading applied in one dimension in materials testing.

1. The test specimen was subjected to a uniaxial stress to determine its tensile strength.
2. In materials science, uniaxial loading is often used to simulate real-world conditions on components.
3. The behavior of the material under uniaxial compression revealed significant insights into its ductility.
4. Researchers conducted a uniaxial experiment to assess the failure point of the new alloy.
5. Understanding the uniaxial properties of the polymer is crucial for its application in structural designs.

Source: sentences.whatistheurl.com

<https://sentences.whatistheurl.com/sentence/uniaxial>