

INDUCTILITY

Meaning: Inductility is the ability of a material to undergo significant deformation before failure, indicating its capacity to be shaped or molded without breaking.

1. Inductility is a crucial property that determines how well a material can undergo deformation without breaking.
2. The engineer emphasized the importance of inductility when selecting materials for the construction project.
3. In metallurgical studies, inductility is often assessed alongside ductility to understand a metal's behavior under stress.
4. The inductility of the alloy allowed it to be shaped into complex forms without compromising its structural integrity.
5. Researchers are exploring ways to enhance the inductility of certain polymers for improved performance in various applications.

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