

DUCTILITY

Meaning: Ductility is the ability of a material, particularly metals, to undergo significant plastic deformation before rupture, allowing it to be stretched into wires or shaped without breaking.

1. Ductility is an essential property of metals, allowing them to be drawn into wires without breaking.
2. The engineer emphasized the importance of ductility in materials used for construction to ensure flexibility under stress.
3. Gold is renowned for its high ductility, enabling it to be stretched into thin sheets without losing its integrity.
4. The ductility of the alloy made it ideal for applications that require bending and shaping without fracturing.
5. During the experiment, the lack of ductility in the material resulted in cracks forming under pressure.

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