

TOPIC

Materials – Section IX – Question 5

QUESTION

When plastically deformed, strain hardening causes metals to become

- (A) softer
- (B) harder
- (C) transparent
- (D) smoother

HINT

Strain hardening increases dislocation density.

SOLUTION

Metals tend to harden due to increased dislocations density during plastic deformation, a process called strain hardening.

ANSWER

(A)

CONTRIBUTOR

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