TOPIC

Materials - Section IX - Question 11

QUESTION

In general and in most materials, crystallization causes

- (A) reduction of volume
- (B) cold fusion
- (C) light emission
- (D) all of the above

HINT

Crystallization is the process of solid crystals precipitating from a solution, and consists of the nucleation and growth processes.

SOLUTION

Atoms occupy less volume when placed in a periodic array. One exception is water, which expands after freezing.

ANSWER

(A)

CONTRIBUTOR

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