

## Introduction To Materials Science For Engineers

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QUESTION 1 Can you define, why we can said that materials science is in everyone backyard. State the examples and what product they can do. You also need to give an example of product in your surroundings. Snap a picture of a product next to you and state the materials used to produce that product. ANSWER :-Material science is the scientific study of the properties and applications of ...

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Falls Introduction to Materials Science and Engineering is intended for students who want to learn about the nature of solid substances and, especially, for beginning engineering students who are making their first serious contact with the structure and properties of real solids.

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[Introduction to Materials Science & Engineering](#)

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Composite materials consist of two main materials. 1.Reinforcement(Strong load carrying material) EX: aramide, carbon ,fiberglass 2.Matrix (imbedded weaker material) EX: polypropylene ,polyvinyl chloride etc. Composite Materials offers 1.High Strength 2.Light Weight 3.Design Flexibility \u2022Transfer Load to Reinforcement \u2022Temperature Resistance \u2022Chemical Resistance \u2022Tensile Properties \u2022Stiffness \u2022Impact Resistance

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