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Materials science and
engineering is a
multidisciplinary
activity that has
emerged in**

recognizable form only during the past two decades. Practitioners in the field develop and work with materials that are used to make things—products like machines, devices, and structures.

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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

- Transfer Load to Reinforcement

- Temperature Resistance
- Chemical Resistance
- Tensile

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