

Principles Of Materials Science Engineering William F Smith

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building on the extraordinary success of eight best selling editions Callister's new ninth edition of materials science and engineering continues to promote student understanding of the three primary types of materials: metals, ceramics, and polymers and composites as well as the relationships that exist between the structural elements of materials and their properties. This edition is supported by a redesigned version of virtual materials science and engineering (VMSSE). This resource contains interactive simulations and animations that enhance the learning of key concepts in materials science and engineering, e.g., crystal structures, crystallographic planes, directions, dislocations, and in addition, a comprehensive materials property database, WileyPlus, sold separately from text.

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Callister's Materials Science and Engineering: An Introduction promotes student

understanding of the three primary types of materials metals ceramics and polymers and composites as well as the relationships that exist between the structural elements of materials and their properties the 10th edition provides new or updated coverage on a number of topics including the materials paradigm and materials selection charts 3d printing and additive manufacturing biomaterials recycling issues and the hall effect

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