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## Materials of Engineering

The Materials Handbook is an encyclopedic, A-to-Z organization of all types of materials, featuring their key performance properties, principal characteristics and applications in product design. Materials include ferrous and nonferrous metals, plastics, elastomers, ceramics, woods, composites, chemicals, minerals, textiles, fuels, foodstuffs and natural plant and animal substances --more than 13,000 in all.

Materials Handbook (Handbook): George S. Brady, Henry R ...

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The University of ...

The ASM Handbook is a comprehensive and authoritative guide to the structure, properties, processing, performance, and evaluation of metals and nonmetallic engineering materials. WHAT'S NEW Alloy Digest is the leading information source for commercial and standard alloys and their properties, performance characteristics, applications, and processing details.

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Abstract. This section describes and explains briefly the most important mechanical, thermal, and optical properties used to characterize the various classes of solid materials discussed in this book.

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Engineering Materials | MechaniCalc  
Cambridge Engineering Selector software (CES 4.1), 2003, Granta Design Limited, Rustat House, 62 Clifton Rd, Cambridge, CB1 7EG M F Ashby, Materials Selection in

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Mechanical Design, 1999, Butterworth  
Heinemann M F Ashby and D R H Jones,  
Engineering Materials, Vol. 1, 1996,  
Butterworth Heinemann

Materials Data Book - University of  
Cambridge

a fine polishing material for jewelry and in  
tooth powders. Ground glass is regularly  
marketed as an abrasive for use in scouring  
com-pounds and in match-head  
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## Institute

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Wood Handbook -- Wood as an  
Engineering Material Information on  
engineering with wood, properties of wood  
and designing with wood. September 28,  
2002 Note: An updated version of this  
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Wood Handbook, 2010 (PDF, 15 MB)

Wood Handbook -- Wood as an  
Engineering Material

Dr. Chen has authored and coauthored  
more than 20 engineering books and 500  
technical papers. He is editor-in-chief for  
the Civil Engineering Handbook, the  
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