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punishable. This has led to the idea of how to improve the world's materials. Materials science has
embraced many different fields, which is why this handbook of ceramic hard materials is
unquestionably the most comprehensive and definitive work available on the subject. It is
written by leading experts in the field, and is an essential resource for anyone interested in
the properties and applications of ceramic materials.

The handbook begins with a detailed introduction to the history and development of
ceramic materials, and includes chapters on the properties of different types of ceramics,
their synthesis and processing, and their applications in a variety of fields. It also covers
the latest research and developments in the field, and includes case studies of real-world
applications of ceramic materials.

One of the key features of this handbook is its focus on the high bulk modulus of hard
materials, which makes them ideal for use in applications such as grinding tools and
polishing techniques. The handbook also includes a comprehensive section on the
properties of superhard materials, including diamond and tungsten carbide, which are
recognized as the hardest materials known.

Overall, this handbook is an essential resource for anyone interested in ceramic hard
materials. It is written in clear, concise language, and is an invaluable tool for students,
researchers, and professionals in the field. It is a must-have for anyone looking to
understand the properties and applications of ceramic materials, and is a valuable
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