

## Sintering Theory And Practice

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Sintering can be classified as solid-state, viscous, liquid-phase, and pressure-assisted (or pressure) sintering. This article provides information on the mechanisms and theoretical analysis of sintering and focuses on the types, mechanisms, process and microstructural variables, computer simulation, stages, and fundamentals of densification and grain growth of solid-state sintering and liquid ...

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An outline is presented of how the book was created and organized, noting the construction of modern sintering concepts as related to the first recognition of critical underpinnings such as surface energy and atomic diffusion. The emergence of sintering theory is traced to the 1940s, but sintering practice started 26,000 years earlier.

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