

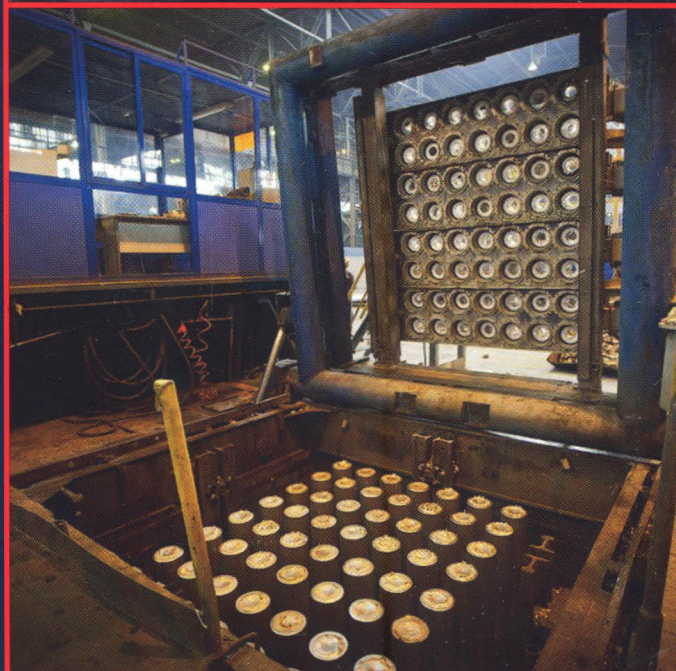
JOM

**ESSENTIAL
READING:
Light Metals
Collection
Presents
Historic Highlights**

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MECHANICAL PROPERTIES

- Interphase Defects, Structures, and Phase Stability
- Modeling Mechanical Behavior of Ultrafine-Grained Polycrystals

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About the Cover: These four images represent four areas of keen interest to the TMS light metals community: alumina and bauxite, cast shop technology, electrode technology, and aluminum reduction technology. These are also themes of four new volumes that make up *Essential Readings in Light Metals*, a stellar collection of papers selected as key presentations from the *Light Metals* conference proceedings over the last 40 years, as selected by industry leaders. Read more about the technologies covered and the volunteers who combed through thousands of papers to determine what should be considered "essential" reading in the feature "*Light Metals* Project Distills Decades of Knowledge to Its Essential Elements."