

1. Record Nr.	UNINA9910457687903321
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Titolo	Light alloys [[electronic resource]] : from traditional alloys to nanocrystals // I.J. Polmear
Pubbl/distr/stampa	Oxford ; ; Burlington, MA, : Elsevier/Butterworth-Heinemann, 2006
ISBN	1-281-01440-0 9786611014407 0-08-049610-5
Edizione	[4th ed.]
Descrizione fisica	1 online resource (437 p.)
Disciplina	669/.72
Soggetti	Light metals - Metallurgy Light metal alloys Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: London: Arnold, 1995.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Light Alloys From Traditional Alloys to Nanocrystals; Copyright Page; Contents; Preface to the first edition; Preface to the second edition; Preface to the third edition; Preface to the fourth edition; Chapter 1. The light metals; 1.1 General introduction; 1.2 Production of aluminium; 1.3 Production of magnesium; 1.4 Production of titanium; Further reading; Chapter 2. Physical metallurgy of aluminium alloys; 2.1 Work hardening and annealing; 2.2 Principles of age hardening; 2.3 Ageing processes; 2.4 Corrosion; 2.5 Mechanical behaviour; Further Reading Chapter 3. Wrought aluminium alloys3.1 Production of wrought alloys; 3.2 Designation of alloys and tempers; 3.3 Non-heat-treatable alloys; 3.4 Heat-treatable alloys; 3.5 Joining; 3.6 Special products; Further Reading; Chapter 4. Cast aluminium alloys; 4.1 Designation, temper and characteristics of cast aluminium alloys; 4.2 Alloys based on the aluminium-silicon system; 4.3 Alloys based on the aluminium-copper system; 4.4 Aluminium-magnesium alloys; 4.5 Aluminium-zinc-magnesium alloys; 4.6 New casting processes; 4.7 Joining; Further reading; Chapter 5. Magnesium alloys 5.1 Introduction to alloying behaviour5.2 Melting and casting; 5.3 Alloy

designations and tempers; 5.4 Zirconium-free casting alloys; 5.5 Zirconium-containing casting alloys; 5.6 Wrought magnesium alloys; 5.7 Electrochemical aspects; 5.8 Fabrication of components; 5.9 Trends in applications of magnesium alloys; Further reading; Chapter 6. Titanium alloys; 6.1 Introduction; 6.2 a-alloys; 6.3 a/b alloys; 6.4 b-alloys; 6.5 Fabrication; 6.6 Titanium alloy castings; 6.7 Engineering performance; 6.8 Applications of titanium alloys; Further reading Chapter 7. Novel materials and processing methods 7.1 Composites; 7.2 Metallic Foams; 7.3 Rapid solidification processing; 7.4 Quasicrystals; 7.5 Amorphous alloys; 7.6 Mechanical alloying; 7.7 Physical vapour deposition; 7.8 Nanophase alloys; 7.9 Titanium aluminides; Further reading; Appendix; Index

Sommario/riassunto

The definitive overview of the science and metallurgy of aluminum, magnesium, titanium and beryllium alloys, this is the only book available covering the background materials science, properties, manufacturing processes and applications of these key engineering metals in a single accessible volume. Use of these metals is now more widespread than ever, and they are routinely found in motor vehicles and aircraft. New material includes materials characteristics and applications; heat treatment properties; fabrication; microstructure/property relationships; new applications and processes.

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