

1. Record Nr.	UNISALENTO991003238659707536
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Titolo	Light alloys [e-book] : from traditional alloys to nanocrystals / I.J. Polmear
Pubbl/distr/stampa	Oxford ; Burlington, MA : Elsevier/Butterworth-Heinemann, 2006
ISBN	9780750663717 0750663715
Edizione	[4th ed.]
Descrizione fisica	xiv, 421 p. : ill. ; 24 cm
Disciplina	669.72
Soggetti	Light metals - Metallurgy Light metal alloys Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Note generali	Previous ed.: London: Arnold, 1995
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Preface; The light metals; Physical metallurgy of aluminum alloys; Wrought aluminum alloys; Cast aluminum alloys; Magnesium alloys; Titanium alloys; New materials and processing methods; 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. *The definitive single volume overview *New material on processing, characteristics and applications of these essential metals *Covers the latest applications and processes in the auto and aero industries