

1. Record Nr.	UNINA9910830354103321
Autore	Appel Fritz
Titolo	Gamma Titanium Aluminide Alloys [[electronic resource]] : Science and Technology
Pubbl/distr/stampa	Hoboken, : Wiley, 2011
ISBN	3-527-63622-6 3-527-63620-X
Descrizione fisica	1 online resource (1537 p.)
Altri autori (Persone)	PaulJonathan David Heaton OehringMichael
Disciplina	620.189322
Soggetti	Titanium -- Industrial applications Titanium alloys Titanium
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Related Titles; Title page; Copyright page; Preface; Figures - Tables Acknowledgement List; 1 Introduction; 2 Constitution; 2.1 The Binary Ti-Al Phase Diagram; 2.2 Ternary and Multicomponent Alloy Systems; 3 Thermophysical Constants; 3.1 Elastic and Thermal Properties; 3.2 Point Defects; 3.3 Diffusion; 4 Phase Transformations and Microstructures; 4.1 Microstructure Formation on Solidification; 4.2 Solid-State Transformations; 5 Deformation Behavior of Single-Phase Alloys; 5.1 Single-Phase (TiAl) Alloys; 5.2 Deformation Behavior of Single-Phase β -(Ti ₃ Al) Alloys; 5.3 β -(Ti ₃ Al) Phase Alloys; 6 Deformation Behavior of Two-Phase β -(Ti ₃ Al) + (TiAl) Alloys; 6.1 Lamellar Microstructures; 6.2 Deformation Mechanisms, Contrasting Single-Phase and Two-Phase Alloys; 6.3 Generation of Dislocations and Mechanical Twins; 6.4 Glide Resistance and Dislocation Mobility; 6.5 Thermal and Athermal Stresses; 7 Strengthening Mechanisms; 7.1 Grain Refinement; 7.2 Work Hardening; 7.3 Solution Hardening; 7.4 Precipitation Hardening; 7.5 Optimized Nb-Bearing Alloys; 8 Deformation Behavior of Alloys with a Modulated Microstructure; 8.1 Modulated Microstructures; 8.2 Misfitting Interfaces; 10.4 Fracture Toughness, Strength, and Ductility; 10.5 Fracture Behavior

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Sommario/riassunto

This first book entirely dedicated to titanium aluminide alloys emphasizes the relation between basic research topics and processing technologies for real applications. As such, it covers complex microstructures down to the nanometer scale, titanium aluminide structure/property relationships and the potential in such key industries as aerospace, automotive and power conversion. The result is more detailed coverage of the fundamentals than is otherwise found in typical textbooks, making this relevant reading not only for the Ti-Al research community, but also for a wide range of physical metall
