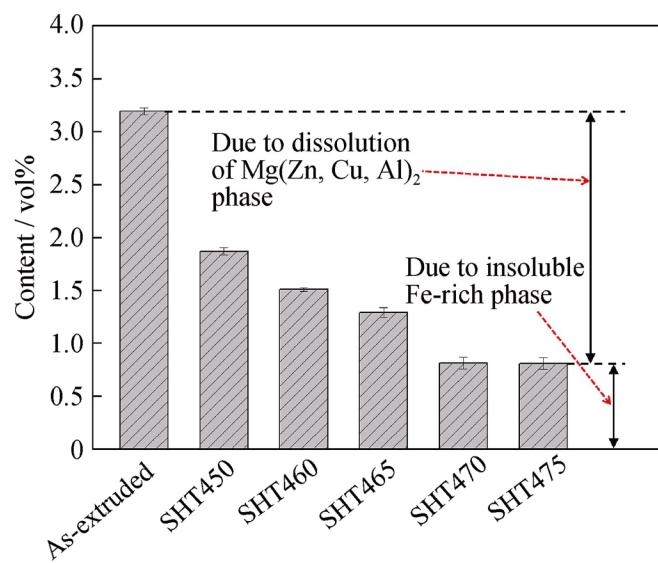


www.editorialmanager.com/rmet

稀有金属 (英文版)

RARE METALS



RARE METALS (Monthly)

Volume 37 • Number 5 • May 2018

ORIGINAL PAPERS

Prediction model for flow stress during isothermal compression in $\alpha + \beta$ phase field of TC4 alloy

S. Yang · H. Li · J. Luo · Y.-G. Liu · M.-Q. Li 369

Transformation and dissolution of second phases during solution treatment of an Al–Zn–Mg–Cu alloy containing high zinc

K. Wen · B.-Q. Xiong · Y.-Q. Fan · Y.-A. Zhang · Z.-H. Li · X.-W. Li · F. Wang · H.-W. Liu 376

Precipitates and corrosion resistance of an Al–Zn–Mg–Cu–Zr plate with different percentage reduction per passes

Y.-H. Liu · L.-M. Yan · X.-H. Hou · D.-N. Huang · J.-B. Zhang · J. Shen 381

Correlation between process parameters, grain size and hardness of friction-stir-welded Cu–Zn alloys

A. Heidarzadeh · T. Saeid 388

Forming and growing mechanisms of homogenization-solution pores in a single crystal superalloy

X.-D. Yue · J.-R. Li · X.-G. Wang · Z.-X. Shi 399

Surface morphology and crystal orientation of electrodeposited tungsten coatings with different pulse parameters

X.-Q. Fang · Y. Zhang · K.-G. Zhu · W.-J. Han · J.-G. Yu · Z. Chen · H.-J. Shi 407

Crystallization mechanism of glass-ceramics prepared from stainless steel slag

W.-D. Fan · Q.-W. Yang · B. Guo · B. Liu · S.-G. Zhang 413

Texture-based magnetostriction calculation of oriented polycrystalline cobalt ferrites

J.-Q. Wang · J.-H. Li · C. Yuan · X.-Q. Bao · X.-X. Gao 421

Room-temperature and high-temperature magnetic permeability of Co-doped nanocrystalline alloys

B. Fu · J. Han · S.-Q. Guo · Z. Wang · P. Zhang · Z.-J. Pan · Q. Xu 427

Optimization of sintering parameters for fabrication of Ag-sheathed FeSe superconducting wires

J.-Q. Feng · S.-N. Zhang · J.-X. Liu · B.-T. Shao · C.-S. Li · M. Liang · P.-X. Zhang 433

Synthesis and luminescence properties of Mn³⁺, Bi³⁺ co-doped Y₆WO₁₂ for blue phosphor

J.-H. You · R.-C. Wang · F. Han · R. Guo · X.-W. Liu 439

Cover Picture

Article Title: Transformation and dissolution of second phases during solution treatment of an Al–Zn–Mg–Cu alloy containing high zinc

Author Names: Kai Wen, Bai-Qing Xiong, Yun-Qiang Fan, Yong-An Zhang, Zhi-Hui Li, Xi-Wu Li, Feng Wang and Hong-Wei Liu

Further articles can be found at link.springer.com

Instructions for Authors for *Rare Met.* are available at www.springer.com/12598

ISSN 1001-0521



05>

9 771001052183