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## OPTIMIZING THE HEAT TREATMENT OF HIGH STRENGTH AL-SI-MG AND AL-CU-MG-ZN



Optimizing the heat treatment of high strength Al-Si-Mg and Al-Cu-Mg-Zn  
Aluminum alloys for industrial applications

LAMBERT  
ACADEMIC PUBLISHING

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Aluminum alloys for industrial applications | The design of aeronautical alloys requires the use of these particular alloys for their strength and ductility. These properties can be further enhanced by controlling the added alloying elements as well as the heat treatment parameters. The objective of the present work was to determine the effect of the interactions between element additions and heat treatment on the alloy microstructure and mechanical properties. The present study...

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