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Deformation, Cracking and Formability of Zn-Al-Mg Coatings

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Deformation, Cracking and Formability of Zn-Al-Mg Coatings

Methodology, Optimization and Application

Masoud Ahmadi

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and engineering

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The research presented in this thesis was performed in the Advanced Production Engineering (APE) group of Engineering and Technology institute Groningen (ENTEg) and Nanostructured Materials and Interfaces Group of Zernike Institute for Advanced Materials at the University of Groningen, The Netherlands.

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Cover: Multiplicity and Unity, designed by Masoud Ahmadi

The top image is an OIM map of a polycrystalline Zn-Al-Mg coating microstructure

The open source raw image of the tree in the back cover is obtained from pikpng.com

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Deformation, Cracking and Formability of Zn-Al-Mg Coatings

Methodology, Optimization and Application

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to obtain the degree of PhD at the
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on the authority of the
Rector Magnificus Prof. C. Wijmenga
and in accordance with
the decision by the College of Deans.
This thesis will be defended in public on
Tuesday 1 March 2022 at 11.00 hours

by

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To My Parents and Nazanin

Contents

Chapter 1 Introduction.....	1
1.1 Phenomenology of cracking.....	2
1.2 Zinc-based and Zn-Al-Mg coatings.....	3
1.3 Hot-dip galvanization (HDG) process.....	3
1.4 Problem definition, aims and approach	4
1.5 Outline of the thesis	6
Chapter 2 Literature review	11
2.1 Structural characteristics of Zn-Al-Mg coatings.....	12
2.2 Theoretical background on zinc-based alloys.....	18
2.3 Mechanical properties, cracking behavior and formability.....	21
2.4 Knowledge gap	26
Chapter 3 Structure-properties relationship, cracking behavior and a quantitative methodology	33
3.1 Introduction.....	34
3.2 Materials and methods.....	36
3.3 Results and discussions.....	37
3.4 Final remarks	56
3.5 Conclusions	59
3.6 Appendix.....	60
Chapter 4 Dislocation mediated plasticity and strengthening by tailoring the microstructure	69
4.1 Introduction.....	70
4.2 Materials and methods.....	71
4.3 Results and discussions.....	72
4.4 Conclusions	94
4.5 Appendix.....	95
Chapter 5 Cracking behavior and formability of Zn-Al-Mg coatings: The influence of steel substrates	103
5.1 Introduction.....	104
5.2 Materials and methods.....	105
5.3 Results and discussions.....	107
5.4 Final remarks	124
5.5 Conclusions	126
5.6 Appendix.....	127

Chapter 6 Outstanding cracking resistance via crystallographic texture control.....	141
<i>6.1 Introduction.....</i>	<i>142</i>
<i>6.2 Materials and methods.....</i>	<i>143</i>
<i>6.3 Results and discussions.....</i>	<i>144</i>
<i>6.4 Conclusions</i>	<i>151</i>
<i>6.5 Appendix.....</i>	<i>152</i>
Chapter 7 Grain refinement driven cracking resistance	157
<i>7.1 Introduction.....</i>	<i>158</i>
<i>7.2 Materials and methods.....</i>	<i>159</i>
<i>7.3 Results and discussions.....</i>	<i>160</i>
<i>7.4 Conclusions</i>	<i>175</i>
Chapter 8 Summary and outlook.....	181
<i>8.1 Thesis summary.....</i>	<i>181</i>
<i>8.2 Outlook and future research</i>	<i>184</i>
Samenvatting	185
Publications and patent	189
Acknowledgment.....	191