

CONTENTS

MATERIALS

Microstructure and mechanical properties of steel rods after controlled deformation ..	5
W. Głuchowski, Z. Rdzawski, J. Sobota, J. Domagała-Dubiel, G. Muzia (Poland)	
Porous material produced by ceramic injection molding	14
G. Matula, J. Krzysteczko (Poland)	

PROPERTIES

TWIP mechanism in processing of high-manganese austenitic steel	22
L.A. Dobrzański, W. Borek, J. Mazurkiewicz (Poland)	
Improving open toothed weels	28
P. Kaplun, V. Gonchar, Yu. Shalapko (Ukraine), M. Bonek (Poland)	
The study of TRIP effect in an austenitic stainless steel AISI 304	34
F.T. Lischka, C.A.S. de Oliveira (Brasil)	

MANUFACTURING AND PROCESSING

Laboratory melting, casting and forging of manganese TWIP steel	39
P. Martinek, P. Podany, M. Duchek, P. Konopík (Czech Republic)	
Author index	45
Keywords index	46
Publisher's notice	47
Editor's notice	48