

"Tetsu-to-Hagané"

Vol.83 No.11 November, 1997

Contents

Paper	Thermodynamics of Phosphorus in CaO-K₂O-CaF₂-SiO₂ Melts	
	<i>H. KIMURA and F. TSUKIHASHI</i>	689
	Deoxidation Equilibrium of Calcium in Liquid Iron	
	<i>H. ITOH, M. HINO and S. BAN-YA</i>	695
	Behavior of Lubrication and Heat Transfer in Mold at High Speed Continuous Casting	
	<i>T. KANAZAWA, S. HIRAKI, M. KAWAMOTO, K. NAKAI, K. HANAZAKI and T. MURAKAMI</i>	701
	Application of Marquardt Method to Simultaneous Measurement of Thermal Diffusivity, Specific Heat and Thermal Conductivity with Halogen Flash Method / <i>K. NISHIOKA, T. MURAYAMA and Y. ONO</i>	707
	Formation and Growth of Iron-Zinc Compound Phases in Galvannealed Coatings on Phosphorus-containing Steel	
	<i>M. ARAI, Y. ADACHI, T. NAKAMORI and N. USUKI</i>	713
	Assessment about Erosion Properties of the Stainless Steels in Fluidized Bed	
	<i>K. SONOYA and M. SHIMAZAKI</i>	719
	Surface Enrichment Behavior of Highly Methylated Melamine-formaldehyde Resin in Polyester Films Cured by Melamine-formaldehyde Resin / <i>H. KANAI and J. OKA</i>	725
	Effects of Paint Composition and Conditions for Making Films on Melamine Resin Concentration in the Surface of Polyester Films / <i>H. KANAI, J. OKA and M. TSUTSUMI</i>	731
	Diffusion Barrier Effect of TiC Layer Formed at the Bonding Interface and Bonding Characteristics of an Explosively Welded Ti/SUS420J1 Stainless Steel Clad by Heat Treatment / <i>A. CHIBA, M. NISHIDA, Y. MORIZONO and K. IMAMURA</i>	736
	Effect of Oxidation on the Long-term Creep Behavior of a 2.25Cr-1Mo Steel	
	<i>T. ENDO, J. SHI, H. YOSIZU and Y. MONMA</i>	742
	Effect of Strain Rates on Strength of Sheet Steels	
	<i>S. TAKAGI, K. MIURA, O. FURUKIMI, T. OBARA, T. KATO and S. TANIMURA</i>	748
	Influence of Retained Austenite and Strain on Delayed Fracture of Ultra-high Strength Steel Sheet	
	<i>K. YAMAZAKI and Y. MIZUYAMA</i>	754
	The Deviation from Matthiessen's Rule during Quench-aging of Copper Added Low Carbon Steels	
	<i>K. TAKAZAWA, S. NOTO and K. TAGASHIRA</i>	760
	Metatechnical Consideration on the Significance of Technology and Industry for Iron and Steel	
	<i>J. SATO</i>	766
<hr/>		
	ISIJ International, Vol.37 (1997), No.11, Synopses and Titles	A32
