

"Tetsu-to-Hagané"

Vol.83 No.6 June, 1997

Contents

Paper	Influence of Alumina Component on Melt Formation in Sintering Process and Sinter Quality Improving Technology / Y. HOSOTANI, N. KONNO, S. KABUTO, M. KITAMURA and T. ABE	347
	Removal of Tin during Scrap Melting in a Converter with a Thick Layer of Slag Y. OGAWA, M. MATSUO, H. KATAYAMA, H. HIRATA, Y. DEMOTO and Y. MIZUKAMI	353
	Evaluation of Lubrication Characteristics of Cemented Carbide Rolls for Improved Productivity in Cold Sheet Rolling / A. AZUSHIMA and Y. JIMBO	359
	Life Prediction Methodology on Weatherability for Color Polyethylene Heavy Duty Coating T. KAMIMURA and H. KISHIKAWA	365
	Effect of Cyclic Stressing on Delayed Fracture of High Strength Steel K. IZUTSU, K. TAKAI and M. NAGUMO	371
	Effects of Composition and Microstructure of Hydrated Chromium Oxide on Adhesive Property of PET / I Film Laminated TFS / M. KOMAI, A. TANIGUCHI, N. SHIMIZU, K. SHIMIZU and A. TANAKA	377
	Formation and Falling Mechanism of Black Oxide Layers in High Speed Steel Rolls during Hot Strip Milling K.C. HWANG, S. LEE and E. LEE	383
	Enhancement of Shape Memory and Its Anisotropy by Training Treatment in an Fe-32Mn-6Si Alloy Y. MORIOKA and Y. TOMOTA	389
	Influence of Microstructures on Fatigue Crack Initiation and Propagation in Low-carbon Steel T. KITANO, T. TAGAWA, S. AIHARA and T. MIYATA	395
	Influence of Microstructures on Non-propagating Behavior of Fatigue Crack in Notched Specimens of Low-carbon Steel T. KITANO, T. TAGAWA, S. AIHARA, M.D. CHAPETTI and T. MIYATA	401
	Analysis of Recycle System of Material with Decrease in Stock Growth Rate and Its Application to Steel A. TOI and J. SATO	407
	ISIJ International, Vol.37 (1997), No.6, Synopses and Titles	A19
