

Effect of Coating Structure on Lacquer Adhesion of Lightly Coated Steel

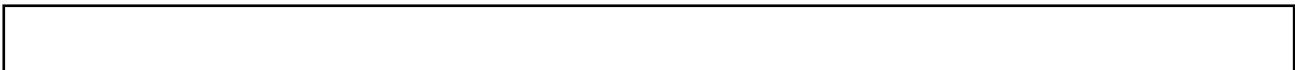
(Kyoko Hamahara)

(Hajime Ogata)

(Kazuo

Mochizuki)

ü æ | • " u É I A Q N S . T h e L T S w i t h 1 0 % o r a s 7 % w e i g h t o f m e t a l l i c c h r o m i u m
fractured at the coating layer by the cohesion destruction of tin oxide. The LTS v
heavy coating weight of metallic chromium showed good lacquer adhesion due
suppressed generation of tin oxide and the in" creased bonding strength of the co
(c)JFE Steel Corporation, 2003



of Lightly Tin-Coated Steel

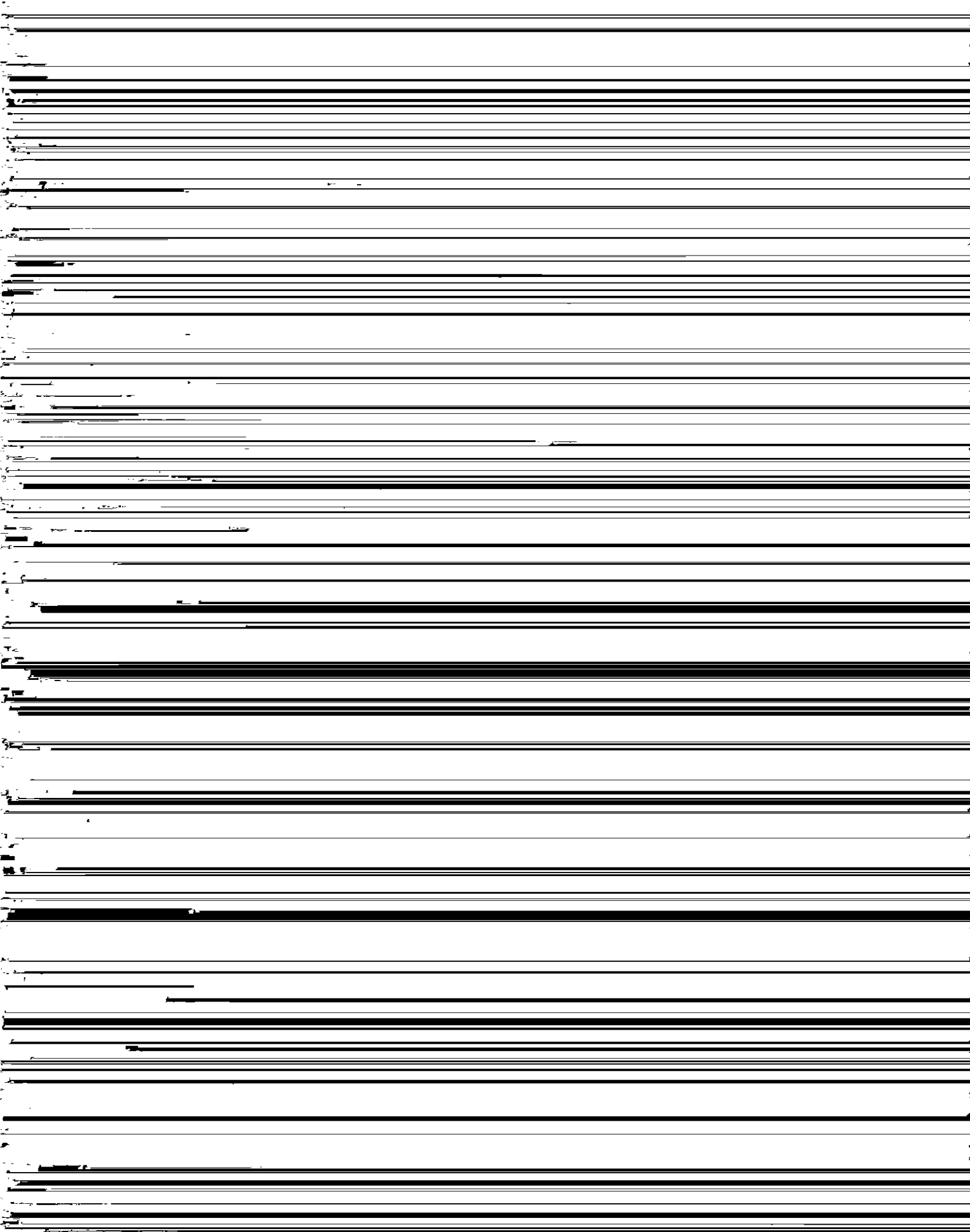
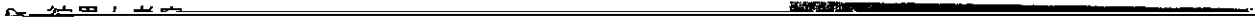
要旨

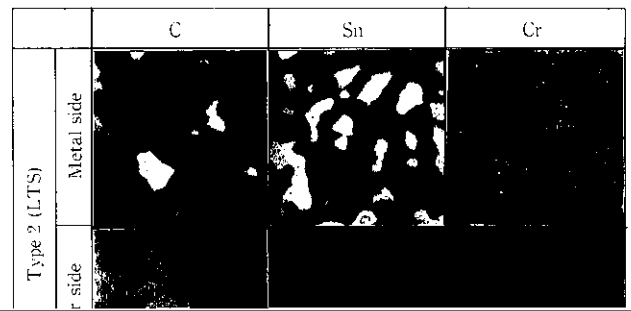
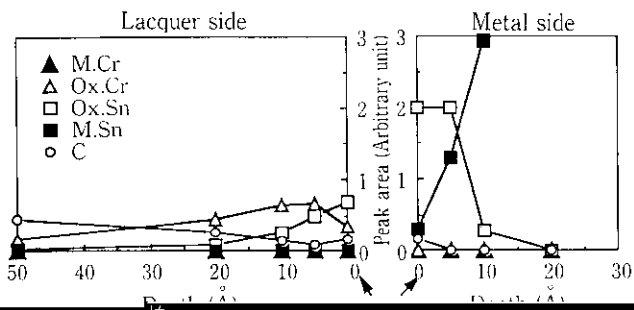
薄目付ぶりき (LTS) の塗料密着性は、皮膜構造の影響を受ける。



ルミキルド鋼板 (板厚 0.22 mm) を電解脱脂後, ワット浴を用いて 0.07 g/m^2 の電気 Ni めっきを行った。引き続き HN (7% H_2 + 93% N_2) ガス雰囲気中で 700°C , 30s の焼鈍を行い, 鋼板表面に

10mm





また、 Sn が全部合金化し、全厚 Sn 0.0 g/m^2 のめっき面 / 全 Sn 量: