

Effect of Coating Structure on Lacquer Adhesion of Lightly Coated Steel

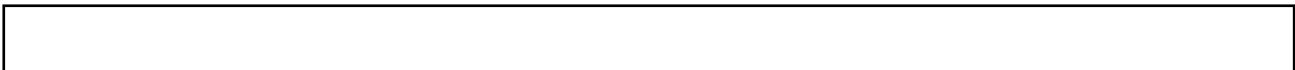
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fractured at the coating layer by the cohesion destruction of tin oxide. The LTS v  
heavy coating weight of metallic chromium showed good lacquer adhesion due  
suppressed generation of tin oxide and the in" creased bonding strength of the co  
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of Lightly Tin-Coated Steel

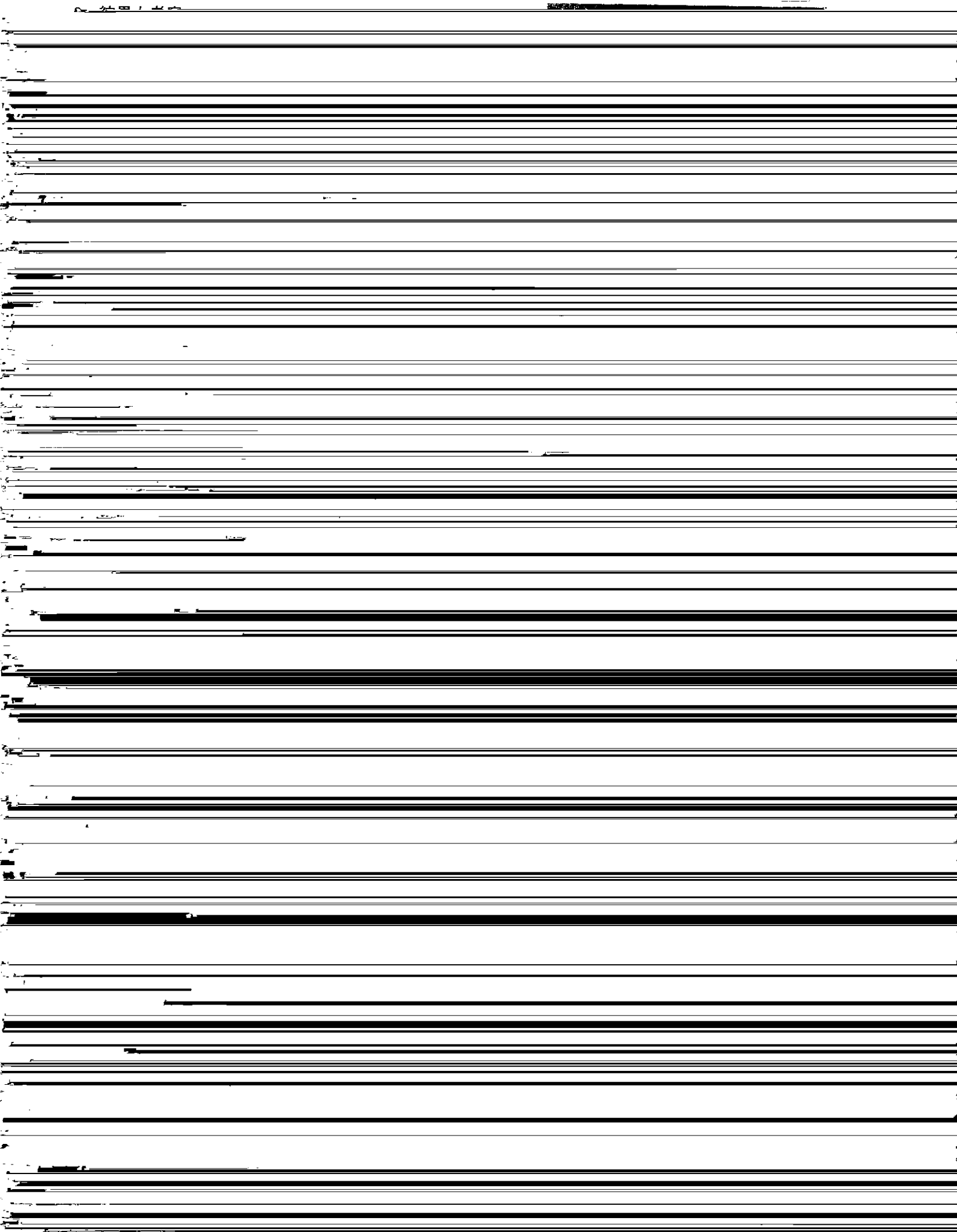
要旨

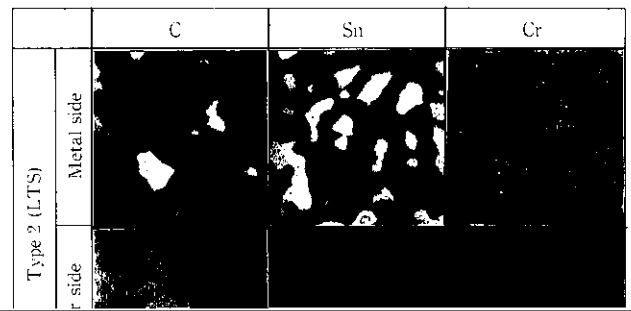
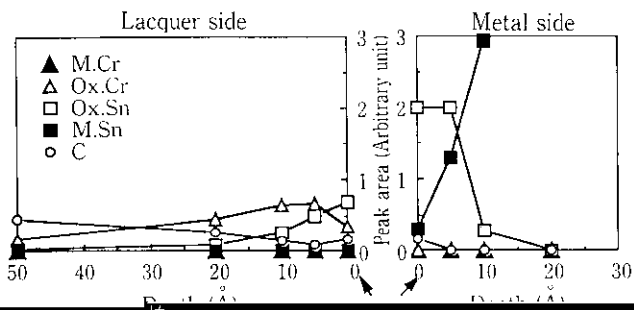
薄目付ぶりき (LTS) の塗料密着性は、皮膜構造の影響を受ける。



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  $0.07 \text{ g/m}^2$  の電気 Ni めっきを行った。引き続き HN (7%  $\text{H}_2$  + 93%  $\text{N}_2$ ) ガス雰囲気中で  $700^\circ\text{C}$ , 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 0.0g/m<sup>2</sup> のめっき面 (全 Sn 量)