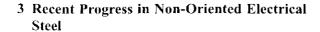
History and Recent Development of Non-Oriented Electrical Steel in Kawasaki Steel*

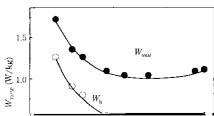


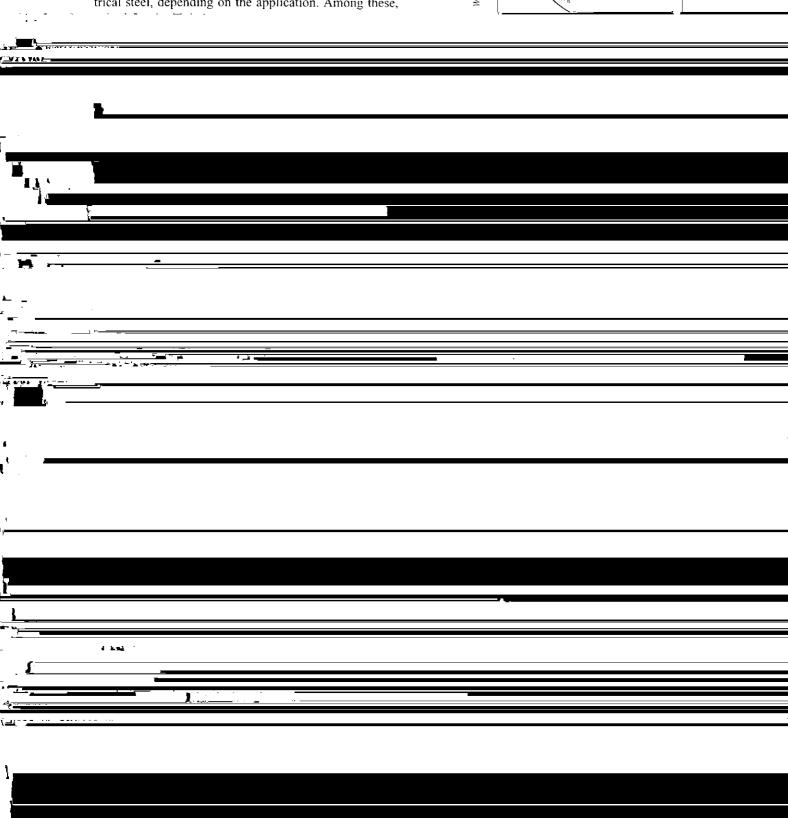
	period when the strip mill at the plate works of	try and high Si products for large rotating machinery
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	Kawa <u>saki Dockvard Co. Ltd. dater renamed Fukiai</u>	were developed. The 1960s can remarkable arouth in
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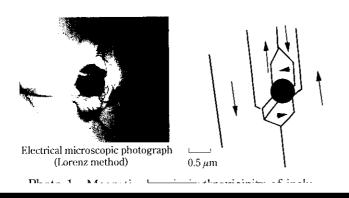


3.1 Factors Influencing Magnetic Properties

Various properties are required in non-oriented electrical steel, depending on the application. Among these,







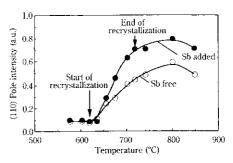
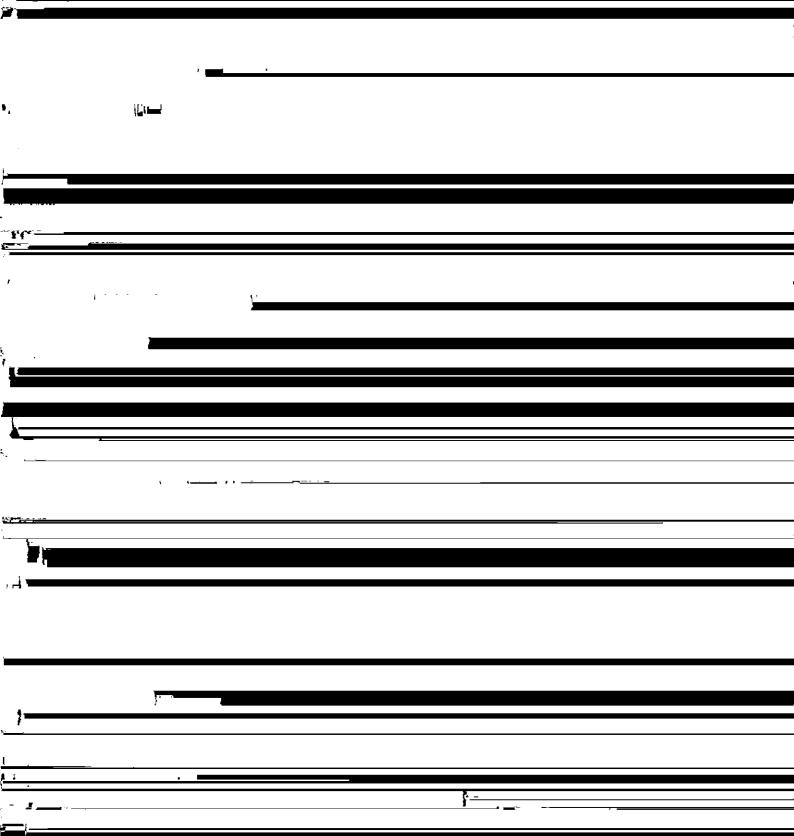
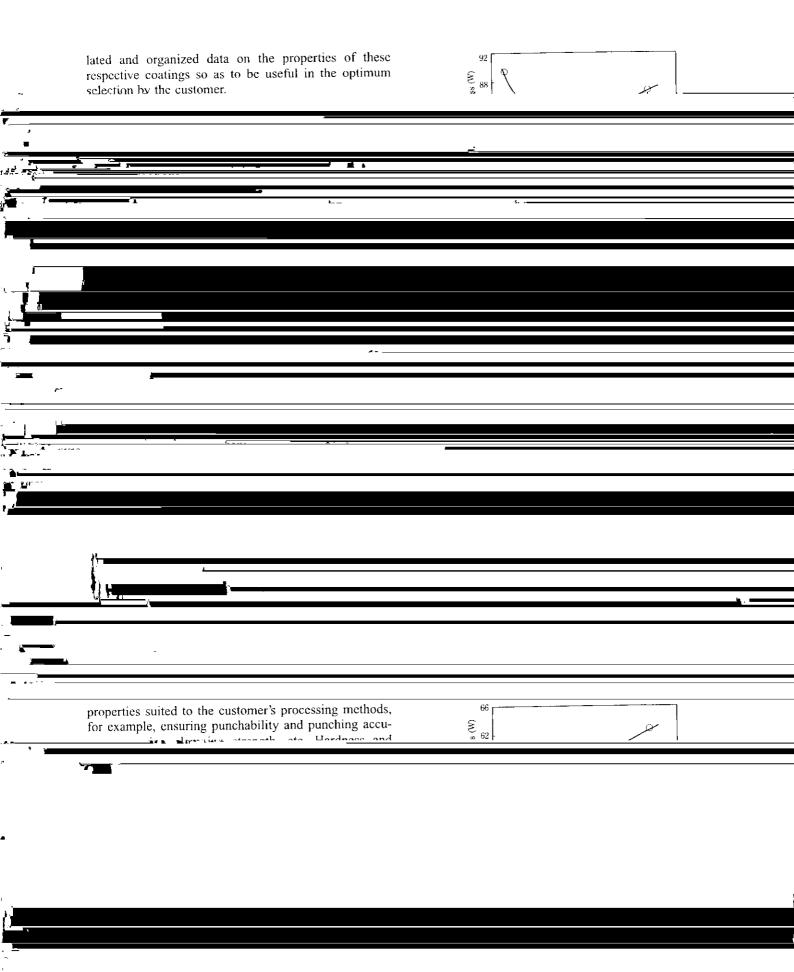


Fig. 7 Change in (110) pole intensities during



form (100) [0 vw] texture with no anisotropy, or the so-The Si content decreases in the order RP1, RP2, RP3. called isotropic texture, is ideal. On the other hand, for The best grade RP-1H, which displays the highest induction satisfies R < 1.70T. There are all districts and the same state of the same sta



and others.

In the future, the applications of electrical steel sheets will become more diverse, and from the viewpoint of energy conservation, higher efficiency will be required

- 7) K. Matsumura, B. Fukuda, K. Kinoshita, T. Imai, Y. Obata, and S. Miyazaki: Kawasaki Steel Giho, 15(1983)3, 208
- 8) Kawasaki Steel Corp.: U.S. Patent 4 204 890
- 9) Kawasaki Steel Corp.: U.S. Patent 4 293 336
- 10) T. Irie, K. Matsumura, Y. Shono, H. Nakamura, and H.

