KAWASAKI STEEL TECHNICAL REPORT No.3 (September 1981)

Development of Hot Rolled Steel Sheet KHN for Enameling Use

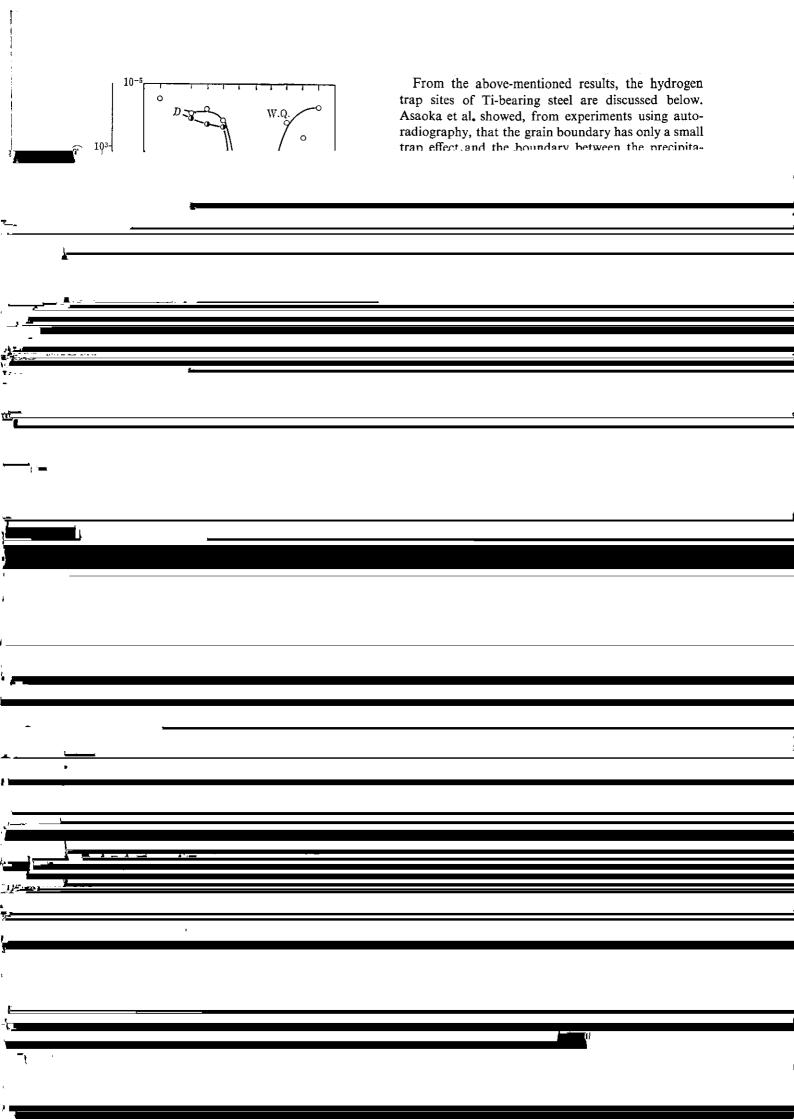
Isao Takahashi, Yoshihiro Matsumoto, Isamu Aruga

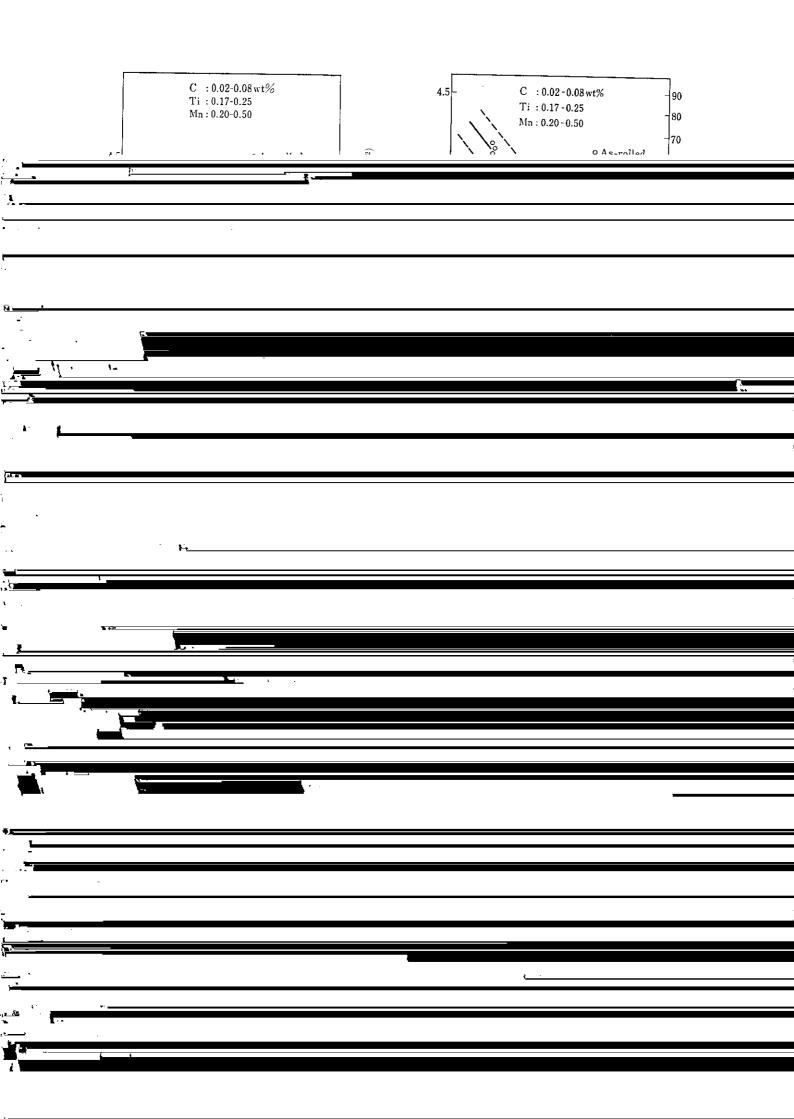
Synopsis:

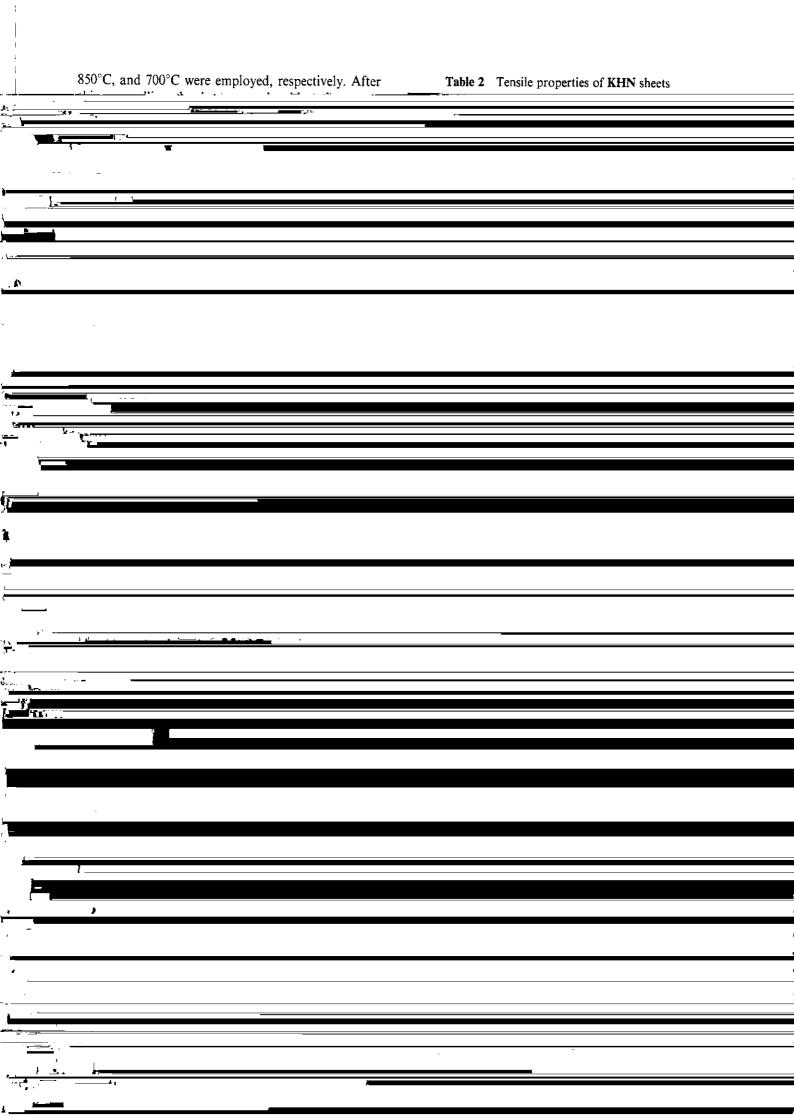
Effects of Ti and C on fishscale formation and hydrogen diffusivity were examined using

Development of Hot Rolled Steel Sheet KHN for Enameling Use*

Isao TAKAHASHI** Yoshihiro MATSUMOTO** Isamu ARUGA*** Effects of Ti and C on fishscale formation and hydrogen diffusivity were examined







7 4	Structure Inclusion		Table 5	Fishscale	suppressivene	ess	
							
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		Thicknes	Sampling	•	namel pretreatm	nent	
		(mm)	position	As-shot- blasted	Shot blasting +pickling**	Shot blasting +pickling +Ni flash***	
		1.6	LE	0.3*	0, 3	0, 3	
			TE	0, 3	0/3	0/3	
		3.2	LE TE	0/3	0/3	0/3	
		(2) After	cold reduc		0,0	1 0, 3	
	na da			Eı	namel pretreatn	nent	
	Photo. 2 Micrographs of hot rolled sheet, KHN	1 hicknes	Reduction	As-shot-	Shot blasting	Shot blasting	
•							
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5	0.3 0/3 0/3						
5	0.3 0/3						
5	0.3 0/3						
5	0/3 0/3.						

