## KAWASAKI STEEL TECHNICAL REPORT No.27 (November 1992) Hot-Rolled, Cold-Rolled and Surface Coated Steel Sheets and Electronics and Instrumentation

Development of Bake-Hardening High-Strength Cold-Rolled Sheet Steels for Automobile Exposed Panels

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## **Development of Bake-Hardening High-Strength Cold-Rolled** Sheet Steels for Automobile Fxnosed Papels\*

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		As received	After press- forming	After bake- painting	(EDDQ) material generally exceeds 2.0. For conventional bake-hardening, cold-rolled sheet steels with r-values of less than 2.0, the following two
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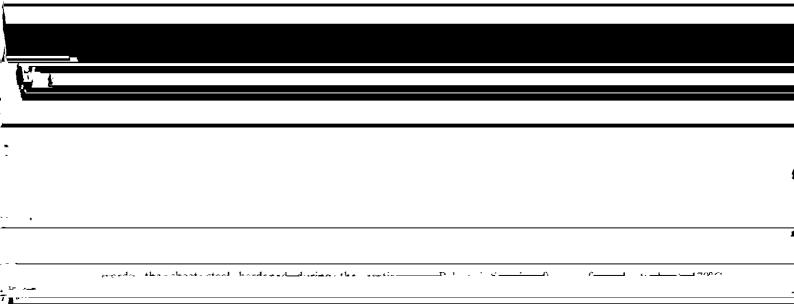
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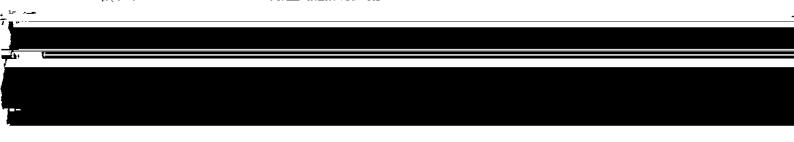
	3 Processing Conditions and Mechanical	Table 1 Typical mechanical properties of continuous-   ly annealed cold-rolled sheet steels with   extra-deep drawability_and bake-hardenabil-
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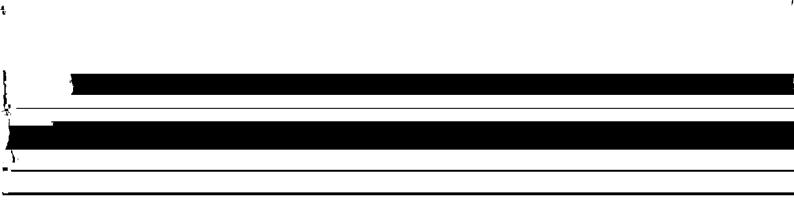
	830~onme NbC -Nb+C	Table 2 Mechanical properties of surface-coated cold-	
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