

Development of Precoated Metal "RIVER PREC" for Home Appliances*¹

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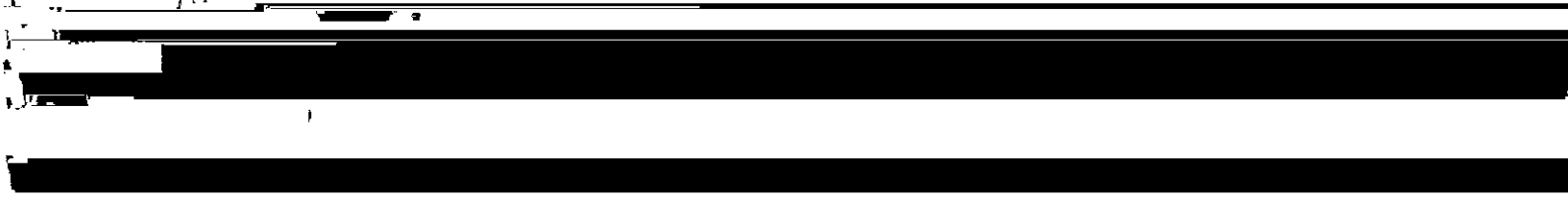
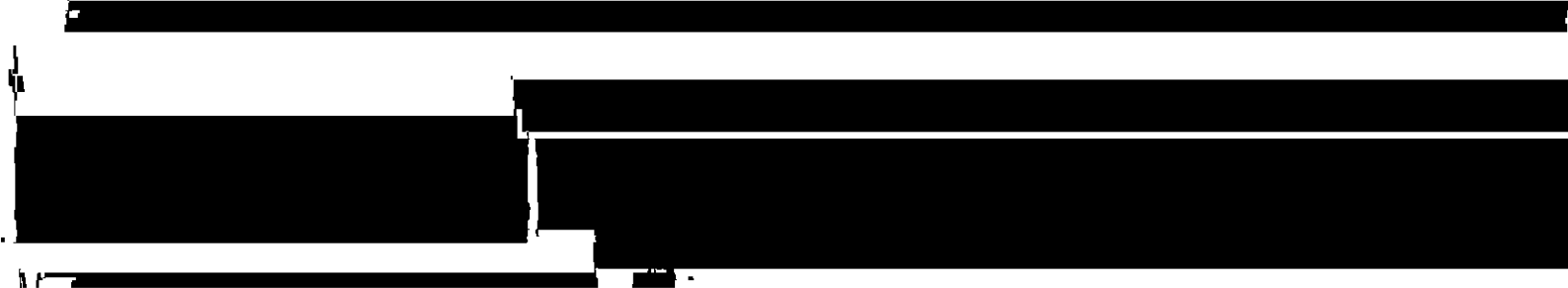
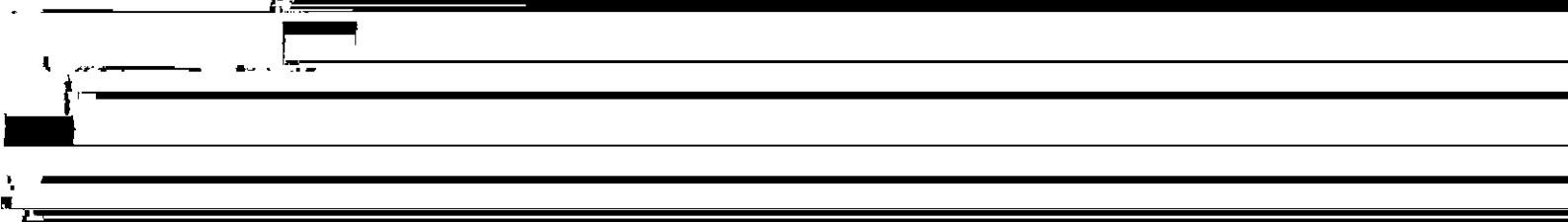
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A high-grade prepainted steel sheet "RIVER PREC", developed by Kawasaki Steel has been in production since 1978 for a wide range of end-uses, such as refrigerators and many other household appliances. RIVER PREC

Table 1. Characteristics of precoated metals when

(1) Finish coat is smooth and has plastic



[REDACTED]

use of a softer and highly washable lining

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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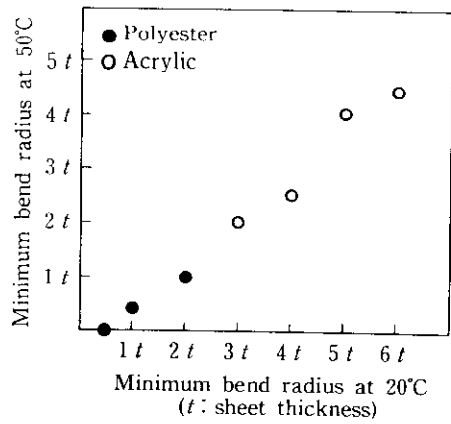
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CR : Cold Rolled Steel
GI : Hot Dip Galvanized Steel
GA : Hot Dip Galvannealed Steel
EG : Electrolytic Zinc-coated Steel
Zn-Ni : Electroplated (Zn-Ni) Steel

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(3) High hardness type which attaches importance to scratch and stain resistance (type C)

Figure 9 shows the relation between pencil hardness and bending properties of such standard coated films. The future target of development is aimed at PCM in which the balance type is further improved to achieve excellent workability, a harder coated film, and excellent scratch and stain resistance.

4.6 Dust-Proofing of Coating Line

During the coating and baking processes, various types of dust are liable to deposit on the coated film. Such dust is called the dust spot and causes problems.

