

自動車排気系用ステンレス鋼板^{*1}

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Stainless Steels for Automotive Exhaust System

KEYWORDS: Automotive Exhaust System, Stainless Steel

1 緒 言

R430LNM および R430CuN の3鋼種がほぼ同程度でこれに続いて
いる。Fig. 2に酸化試験結果を示す。R429EX, R430LNM および

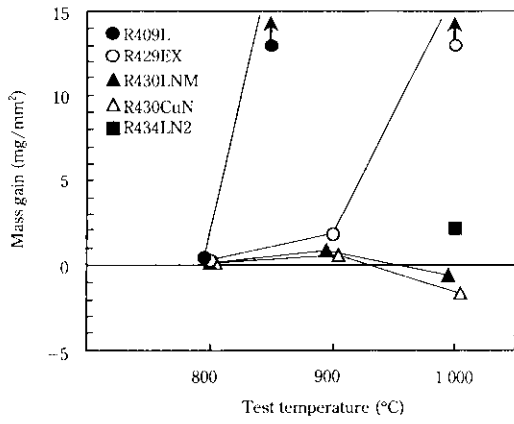
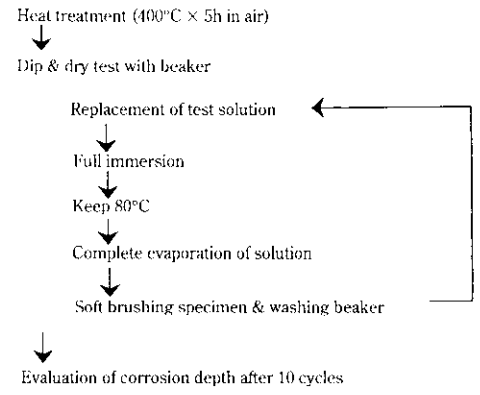


Fig. 2 Mass change of stainless steels for exhaust manifold after oxidation at various temperatures for 200 h in air



Chemical composition of the synthetic exhaust gas condensate (ppm)

Cl ⁻	SO ₃ ²⁻	SO ₄ ²⁻	CO ₃ ²⁻	NO ₂	NO ₃	CH ₃ COO	HCHO	COOH	NH ₃ ⁺	Activated carbon
250	1250	1250	2000	100	20	400	250	100	2500	50 g/l

