

## 自動車排気系用ステンレス鋼板<sup>\*1</sup>

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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

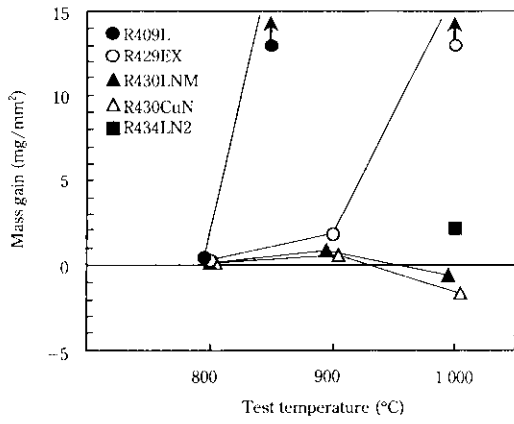
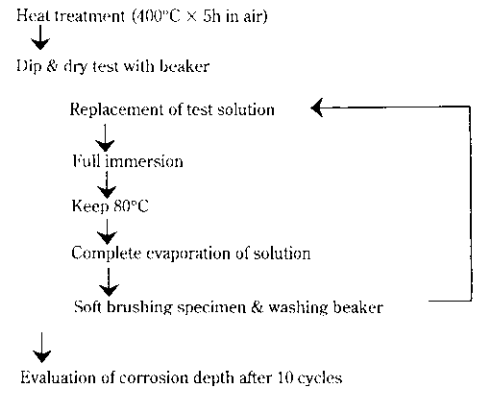


Fig. 2 Mass change of stainless steels for exhaust manifold after oxidation at various temperatures for 200 h in air



Chemical composition of the synthetic exhaust gas condensate (ppm)

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

