In the temperature range of 100–300°C, where serrated flow is observed during tensile testing, tensile strength values of both ductile irons were invariable. Above 400°C, further increase of temperature

caused dramatic decrease in tensile strength. As a general trend, abrasive wear resistances of the both ductile irons increased with increasing tensile strength. Exceptionally, maximum resistance to

abrasive wear is obtained from both ductile irons at 100°C, probably due to dynamic strain aging.

(cf. ISIJ Int., 43 (2003), 1274)

お詫びと訂正

1) 本誌 Vol.89, No.6 623 ページ「電磁振動による介在物合体のモデル実験」の著者名に 誤りがございました。お詫びして下記の通り訂正いたします。

誤: 亀山智樹正: 亀山智基

2) 本誌 Vol.89, No.7 A22 ページ

ISIJ International Vol.43(2003), No.7 に掲載予定の下記の論文は、一部に引用したデータが非公開資料のため、今回は掲載を中止しました。

Exergy analysis of charcoal charging of blast furnace | H.NOGAMI et al.