

FOREWORD

New Developments in Ferritic and Duplex Stainless Steels

On October 19, 1972, the Corrosion Resistant Metals Committee of TMS-IMD and the Corrosion and Oxidation Activity of the ASM sponsored the Symposium "New Developments in Ferritic and Duplex Stainless Steels." The papers from that meeting are published together in this issue of Metallurgical Transactions.

The emphasis is on ferritic stainless steels because of the increase in research on these alloys since the last TMS-IMD symposium on stainless steels in 1968. The interest in these alloys stems primarily from their corrosion properties, particularly their resistance to stress corrosion cracking. As pointed out in several of the papers, new melting processes have made it possible to produce steels commercially at purity levels that could be achieved only in the laboratory a few years ago.

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