



Industrial Applications
of **Titanium** and
Zirconium

THIRD CONFERENCE



Webster/Young
EDITORS

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INDUSTRIAL APPLICATIONS OF TITANIUM AND ZIRCONIUM: THIRD CONFERENCE

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Foreword

This publication, *Industrial Applications of Titanium and Zirconium: Third Conference*, contains papers presented at the Third Conference on Titanium and Zirconium in Industrial Applications which was held in New Orleans, Louisiana, 21–23 Sept. 1982. The symposium was sponsored by ASTM Committee B-10 on Reactive and Refractory Metals and Alloys. R. T. Webster, Teledyne Wah Chang Albany, and C. S. Young, Astro Metallurgical, are editors of this publication.

Related ASTM Publications

Titanium Alloys in Surgical Implants, STP 796 (1983), 04-796000-54

Zirconium in the Nuclear Industry, STP 754 (1981), 04-754000-35

**Industrial Applications of Titanium and Zirconium, STP 728 (1981),
04-728000-05**

**Zirconium in the Nuclear Industry (Fourth Conference), STP 681 (1979),
04-681000-35**

Manual on Zirconium and Hafnium, STP 639 (1977), 04-639000-35

A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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Contents

Introduction	1
APPLICATIONS OF TITANIUM AND ZIRCONIUM	
Enviromechanical Testing of Ti-grade 2 and Ti-grade 12 in Basalt Groundwater—S. G. PITMAN	5
Behavior of Commercially Pure Titanium in Hydrogen Sulfide Atmospheres at Elevated Temperatures—B. H. HANSON	19
Hydrometallurgical Applications of Titanium—R. W. SCHUTZ AND L. C. COVINGTON	29
Status of Titanium Powder Metallurgy—D. EYLON, P. R. SMITH, S. W. SCHWENKER, AND F. H. FROES	48
Emerging Applications for Titanium-Based Alloys—B. P. BANNON, D. M. STROLLO, AND D. E. THOMAS	66
Zirconium Enhances Sulfuric Acid Recovery Processes—C. E. HULSWITT	86
DESIGN AND FABRICATION OF TITANIUM AND ZIRCONIUM	
Properties of Titanium for Industrial Applications with Emphasis on Ti-3Al-2.5V—P. A. RUSSO AND S. R. SEAGLE	99
Plating on Titanium and Zirconium—J. W. DINI AND H. R. JOHNSON	113
Methods to Treat Pyrophoric Film on Zirconium—T-L YAU	124
CORROSION RESISTANCE OF TITANIUM	
Crevice Corrosion of High-Strength Titanium Alloys in Saturated Brine—D. D. DEES	133
Factors Which Influence Corrosion Properties of Titanium—H. B. BOMBERGER	143

Identification of Crevice Corrosion in ASTM Grade-12 Titanium in Simulated Rock Salt Brine at 150°C—T. M. AHN, B. S. LEE, AND P. SOO	159
---	------------

CORROSION RESISTANCE OF ZIRCONIUM

The Pitting Susceptibility of Zirconium in Aqueous Cl^-, Br^-, and I^- Solutions—M. MAGUIRE	177
---	------------

Corrosion Resistance of Zirconium in Chemical Processing Equipment—B. J. MONIZ	190
---	------------

Effects of Impurities in Sulfuric Acid on the Corrosion Resistance of Zirconium—T-L YAU	203
--	------------

SUMMARY

Summary	215
----------------	------------

Index	217
--------------	------------

