

***CHARACTERIZATION AND
DETERMINATION OF
EROSION RESISTANCE***

ASTM STP 474

AMERICAN SOCIETY FOR TESTING AND MATERIALS

CHARACTERIZATION AND DETERMINATION OF EROSION RESISTANCE

A symposium
presented at the
Seventy-second Annual Meeting
AMERICAN SOCIETY FOR
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Atlantic City, N. J., 22-27 June 1969

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Foreword

This publication is a collection of most of the papers presented at the Symposium on Characterization and Determination of Erosion Resistance, organized by Committee G-2 on Erosion by Cavitation or Impingement in co-operation with the U. S. Office of Naval Research, at the Seventy-second Annual Meeting of the American Society for Testing and Materials held at Atlantic City, N. J., 22-27 June 1969. A Thiruvengadam, Hydro-nautics Inc., now at Catholic University of America, presided as chairman of the symposium, and F. J. Heyman, Westinghouse Electric Corp., presided as co-chairman of the symposium.

Three of the papers presented at this symposium have been published in other ASTM publications as follows: "Surface Damage from High Velocity Flow of Lithium" by L. G. Hays and "Dynamic Response and Adhesion Failures of Rain Erosion Resistant Coatings" by A. F. Conn and A. Thiruvengadam, *Journal of Materials*, Vol. 5, No. 3, Sept. 1970; and "ASTM Round-Robin Test with Vibratory Cavitation and Liquid Impact Facilities of 6061-T 6511 Aluminum Alloys, 316 Stainless Steel, and Commercially Pure Nickel" by C. Chao, F. G. Hammitt, C. L. Kling, T. M. Mitchell, and D. O. Rogers, *Materials Research & Standards*, Vol. 10, No. 10, Oct. 1970. They therefore do not appear in this volume.

Related ASTM Publications

**Erosion by Cavitation or Impingement, STP 408
(1967), \$20.00**

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