

**COMPOSITE  
MATERIALS:  
Testing and Design**  
**(FOURTH CONFERENCE)**

 **STP 617**

**AMERICAN SOCIETY FOR TESTING AND MATERIALS**

# COMPOSITE MATERIALS: TESTING AND DESIGN (FOURTH CONFERENCE)

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## Foreword

The Fourth Conference on Composite Materials: Testing and Design was held 3-4 May 1976 at Valley Forge, Pa. The American Society for Testing and Materials' Committee D-30 on High Modulus Fibers and Their Composites sponsored the conference. J. G. Davis, Jr., National Aeronautics and Space Administration-Langley Research Center, served as conference chairman. Most of the papers presented at the eight sessions are included in this volume which complements the first, second, and third conference publications—*ASTM STP 460*, *ASTM STP 497*, and *ASTM STP 546, Composite Materials: Testing and Design*.

## Related ASTM Publications

Composite Reliability, STP 580 (1975), \$49.75 (04-580000-33)

Fracture Mechanics of Composites, STP 593 (1976), \$23.50 (04-593000-33)

Environmental Effects on Advanced Composite Materials, STP 602  
(1976), \$10.00 (04-602000-33)

## A Note of Appreciation to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is in a direct function of their respected opinions. On behalf of ASTM we acknowledge their contribution with appreciation.

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