

***ADVANCED
COMPOSITE MATERIALS-
ENVIRONMENTAL
EFFECTS***

J. R. Vinson, *editor*

STP 658



AMERICAN SOCIETY FOR
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ADVANCED COMPOSITE MATERIALS— ENVIRONMENTAL EFFECTS

A symposium
sponsored by ASTM
Committee D-30 on
High Modulus Fibers
and Their Composites
AMERICAN SOCIETY FOR
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Dayton, Ohio, 29-30 Sept. 1977

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Foreword

The symposium on Advanced Composite Materials—Environmental Effects was held in Dayton, Ohio, 29–30 Sept. 1977. The symposium was sponsored by Committee D-30 on High Modulus Fibers and Their Composites of the American Society for Testing and Materials. J. R. Vinson, University of Delaware, presided as chairman of the symposium and editor of this publication.

Related ASTM Publications

**Foreign Object Impact Damage to Composites, STP 568 (1975), \$22.75,
04-568000-33**

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

**Composite Materials: Testing and Design (Fourth Conference), STP 617
(1977), \$51.75, 04-617000-33**

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 a direct function of their respected opinions. On behalf of ASTM we acknowledge with appreciation their contribution.

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