ASTM International Technical Committee D30 on Composite Materials

Scope

The Committee will develop standard test methods, practices, terminology, and guides; sponsor symposia; stimulate research; and exchange technical information pertaining to composite materials (primarily those with fibrous reinforcement), as well as to reinforcing fibers with a Young’s modulus greater than 20 GPa (3x10^6 psi).

This Committee will develop standard specifications for composite materials used in civil structures under Subcommittee D30.10. Other subcommittees under this Committee will not develop standard specifications. All other subcommittees shall be unclassified, as they do not develop standard specifications.

The work of this Committee will be coordinated with other ASTM committees and other organizations having mutual interest.

Technical Subcommittees

- D30.01 Editorial and Resource Standards
- D30.02 Research and Mechanics
- D30.02.04 TG on Interlaminar Fracture Analysis Benchmarking
- D30.02.05 Round Robin Planning
- D30.03 Constituent/Precursor Properties
- D30.04 Lamina and Laminate Test Methods
- D30.05 Structural Test Methods
- D30.06 Interlaminar Properties
- D30.09 Sandwich Construction
- D30.10 Composites for Civil Structures

Key Documents

- D4762 Standard Guide for Testing Polymer Matrix Composite Materials
- D5528 Standard Test Method for Mode I Interlaminar Fracture Toughness of Unidirectional Fiber-Reinforced Polymer Matrix Composites
- D7028 Standard Test Method for Glass Transition Temperature (DMA Tg) of Polymer Matrix Composites by Dynamic Mechanical Analysis (DMA)

Quick Facts

Established 1964
Number of Members 285+
Number of Standards 80
Global Participation
20 Countries represented
The standards are available in Volume 15.03 in the Annual Book of ASTM Standards
Meetings D30 meets twice each year, in March and October

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