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Helping our world work better

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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 (3×10^6 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.

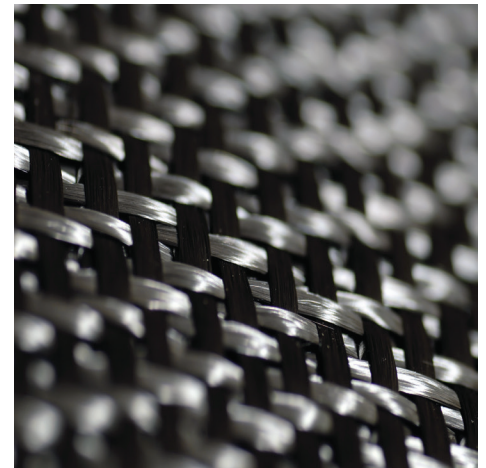
Technical Subcommittees

- 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

- D3039/D3039M Standard Test Method for Tensile Properties of Polymer Matrix Composite Materials
- D4762 Standard Guide for Testing Polymer Matrix Composite Materials
- D5229/D5229M Standard Test Method for Moisture Absorption Properties and Equilibrium Conditioning of 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)

Learn more about Committee D30
www.astm.org/COMMIT/D30



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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