



ASTM International Technical Committee E56 on Nanotechnology

Scope

The development of standards and guidance for nanotechnology and nanomaterials.

The coordination existing ASTM standardization related to nanotechnology needs. This coordination shall include the apportioning of specific requests for nanotechnology standards through ASTM's existing committee base, as well as the maintenance of appropriate global liaison relationships with activities (internal and external) related to this subject area. The Committee shall participate in the development of symposia, workshops, and other related activities to enhance the development of standards.

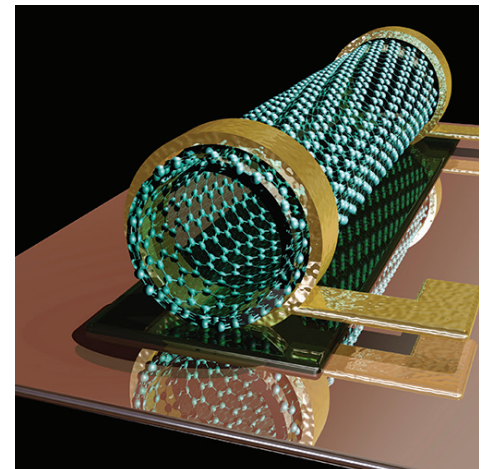
Technical Subcommittees

- E56.01 Informatics and Terminology
- E56.02 Physical and Chemical Characterization
- E56.03 Environment, Health, and Safety
- E56.04 Intellectual Property Issues
- E56.05 Liaison and International Cooperation
- E56.06 Nano-Enabled Consumer Products
- E56.07 Education and Workforce Development
- E56.08 Nano-Enabled Medical Products
- E56.90 Executive
- E56.91 Strategic Planning and Review
- E56.92 Awards

Key Documents

- E2456 Standard Terminology Relating to Nanotechnology
- E2490 Standard Guide for Measurement of Particle Size Distribution of Nanomaterials in Suspension by Photon Correlation Spectroscopy (PCS)
- E2524 Standard Test Method for Analysis of Hemolytic Properties of Nanoparticles
- E2526 Standard Test Method for Evaluation of Cytotoxicity of Nanoparticulate Materials in Porcine Kidney Cells and Human Hepatocarcinoma Cells
- E2535 Standard Guide for Handling Unbound Engineered Nanoscale Particles in Occupational Settings
- E2578 Standard Practice for Calculation of Mean Sizes/Diameters and Standard Deviations of Particle Size Distributions Particles in Occupational Settings

Learn more about Committee E56
www.astm.org/COMMIT/E56



Quick Facts

Established 2005
Number of Members 180+
Number of Standards 28
Global Participation
22 Countries represented
The standards are available in
Volume 14.02 in the *Annual Book of ASTM Standards*
Meetings E56 meets twice each year, in May and November

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