ASTM International
Technical Committee E56 on Nanotechnology

Established: 2005
Number of Members: 180
Number of Standards: 7
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

SCOPE:

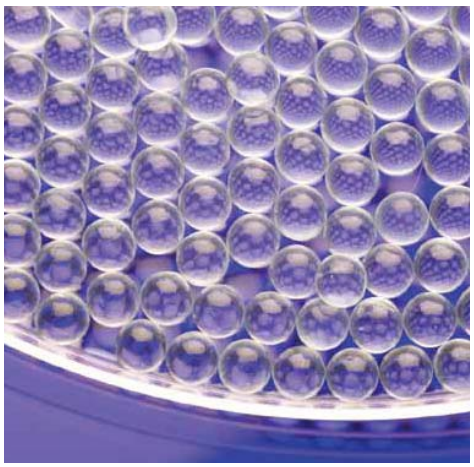
The development of standards and guidance for nanotechnology & nanomaterials, and the coordination existing ASTM standardization related to nanotechnology needs. This coordination shall include the apportioning of specific requests for nanotechnolgoy standards through ASTM's existing committee base, 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 Characterization: Physical, Chemical, and Toxicological Properties
E56.03 Environment, Health, and Safety
E56.04 International Law and Intellectual Property
E56.05 Liaison and International Cooperation
E56.06 Nano-Enabled Consumer Products
E56.91 Strategic Planning and Review

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
- E2525 Standard Test Method for Evaluation of the Effect of Nanoparticulate Materials on the Formation of Mouse Granulocyte-Macrophage Colonies
- 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 forCalculation of Mean Sizes/Diameters and Standard Deviations of Particle Size Distributions



Visit the ASTM Committee E56 Webpage:
www.astm.org/COMMIT/E56.htm

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