



ASTM INTERNATIONAL
Helping our world work better

100 Barr Harbor Drive
P.O. Box C700
West Conshohocken, PA
19428-2959
USA

tel +1.610.832.9500
fax +1.610.832.9555
memserv@astm.org
www.astm.org

ASTM International Technical Committee E56 on Nanotechnology

Scope

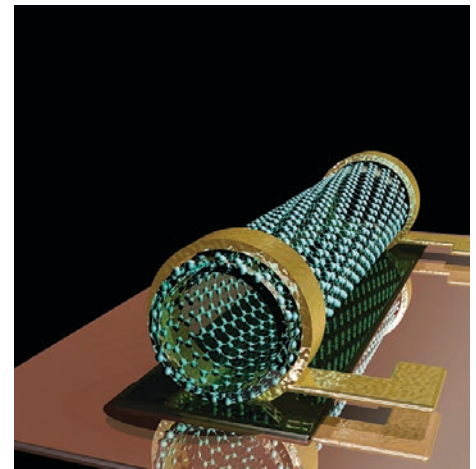
1. The development of standards and guidance for nanotechnology and nanomaterials.
2. The coordination existing ASTM standardization related to nanotechnology needs. This coordination shall include the apportioning of specific requests for nanotechnology standards through ASTM's existing committee base, 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

Key Documents

- 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
- E2864 Standard Test Method for Measurement of Airborne Metal Oxide Nanoparticle Surface Area Concentration in Inhalation Exposure Chambers using Krypton Gas Adsorption
- E2865 Standard Guide for Measurement of Electrophoretic Mobility and Zeta Potential of Nanosized Biological Materials
- E2996 Standard Guide for Workforce Education in Nanotechnology Health and Safety
- E3025 Standard Guide for Tiered Approach to Detection and Characterization of Silver Nanomaterials in Textiles



Quick Facts

Established 2005

Number of Members 175+

Number of Standards 18

Global Participation

20 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

Staff Manager

Kate Chalfin
ASTM International
Headquarters
100 Barr Harbor Drive
West Conshohocken, PA 19428
USA

tel +1 610.832.9717
kchalfin@astm.org

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