

Terminology and Nomenclature Resources

Government Resources

- [NCI Cancer NanoLab \(caNanoLab\) Wiki](#) - biomedicine

[Glossary](#)

[NCI BiomedGT Collaborative Ontology Development Wiki](#)

[NCI Term Browser](#)

[Instrumentation and nanoparticle characterization](#)

[Techniques and nanoparticle characterization](#)

External Resources

- ASTM E56 Nanotechnology (published)
 1. [ASTM E56, Terminology for Nanotechnology, E-2456-06](#)
- ASTM E56 Nanotechnology (under development)
 1. [ASTM WK28974 - New Specification for A Standard File Format For the Submission and Exchange of Data on Nanomaterials and Characterizations](#)
- Baron, P.A. and Willeke, K., Aerosol Measurement, Principals, Techniques, and Applications, 2nd edition, John Wiley and Sons, Inc., 2001
- British Standards Institute (BSI)
 - [Vocabulary – Nanoparticles, PAS 71:2005](#)
 - [Terminology](#)
 - PAS 131 Terminology for medical, health and personal care applications of nanotechnologies
 - PAS 132 Terminology for the bio-nano interface
 - PAS 133 Terminology for nanoscale measurement and instrumentation

- PAS 134 Terminology for carbon nanostructures
 - PAS 135 Terminology for nanofabrication
 - PAS 136 Terminology for nanomaterials
- European Commission
 - Joint Research Centre, [Considerations on a Definition of Nanomaterial for Regulatory Purposes](#), February 2010
 - [European Commission's urgent request to the Scientific Committee on Emerging and Newly Identified Health Risks \(SCENIHR\) for a science-based definition for "Nanomaterials"](#), March 2010
 - Scientific Committee on Emerging and Newly Identified Health Risks (SCENIHR), [Scientific Basis for the Definition of the Term "Nanomaterial"](#), 6 July 2010
- Food and Drug Administration, Center for Drug Evaluation and Research (CDER) Office of Pharmaceutical Science, [Manual of Policies and Procedures \(MAPP\) 5015.9, Reporting format for nanotechnology-related information in CMC review](#), 6 June 2010
- Health Canada, [Interim Policy Statement on Health Canada's Working Definition for Nanomaterials](#)
- Hinds, W.C., Aerosol Technology – Properties, Behavior, and Measurement of Airborne Particles, 2nd Edition, John Wiley and Sons, Inc., 1999.
- [ISO Concept Database](#)

A free search engine for published ISO terms and definitions, including terms related to nanotechnologies
- [ISO TC 229 Nanotechnologies](#) (projects under development)
 - ISO/CD TR 12802 Nanotechnologies – Model taxonomic framework for use in developing vocabularies – Core concepts
 - ISO/AWI TR 14786 Nanotechnologies -- Framework for nomenclature models for nano-objects
 - ISO/AWI TS 80004-1 Nanotechnologies -- Vocabulary - Part 1: Core terms

- ISO/CD TS 80004-4 Nanotechnologies – Vocabulary - Part 4: Nanostructured materials
 - ISO/AWI TS 80004-5 Nanotechnologies - Vocabulary - Part 5: Bio/nano interface
 - ISO/AWI 80004-6 Nanotechnologies - Vocabulary - Part 6: Nanoscale measurement and instrumentation
 - ISO/AWI 80004-7 Nanotechnologies - Vocabulary - Part 7: Medical, health and personal care applications
 - ISO/NP TS 80004-8 Nanotechnologies -- Vocabulary -- Part 8: Nanomanufacturing processes
- ISO TC 229 Nanotechnologies (published documents)
 - [ISO/TS 27687:2008 Nanotechnologies -- Terminology and definitions for nano-objects -- Nanoparticle, nanofibre and nanoplate](#)
 - [ISO/TS 80004-3:2010 Nanotechnologies – Vocabulary – Part 3: Carbon nano-objects](#)
 - [ISO/TR 11360:2010 Nanotechnologies - Methodology for the classification and categorization of nanomaterials](#)
 - [ISO TC 146 Workplace Atmospheres: Ultrafine, nanoparticle and nano-structured aerosols - Exposure characterization and assessment. Geneva: Switzerland: International Standards Organization. Document no. ISO/TR 27628, 2007](#)
 - Literature
 1. Hansen, et. al, Categorization framework to aid hazard identification of nanomaterials, *Nanotoxicology*, 1-8, November 2007.
 2. Auffan et. al., [Towards a definition of inorganic nanoparticles from an environmental, health, and safety perspective](#), *Nature Nanotechnology*, Vol. 4, October 2009.
 3. Kreyling WG et. al., A complementary definition of nanomaterial, *Nano Today*, 5:165-8, June 2010.

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