



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 E12 on Color and Appearance

Scope

The scope of the Committee shall be to promote knowledge of color and appearance properties and characteristics, and to encourage the improvement and development of standards for describing and evaluating appearance properties by:

Stimulating and sponsoring research into color and appearance problems.

Formulating terms, nomenclature, and definitions generally applicable for describing color and appearance. Developing, or coordinating with other technical committees to develop standards for measuring fundamental and general properties.

Developing standard specifications for those attributes of color and appearance which are appropriate.

Assisting other technical committees to improve color and appearance standards and specifications by advice, suggestions, and dissemination of information.

Reviewing and recommending approval or revision of ASTM standards, existing or proposed, involving color and appearance factors.

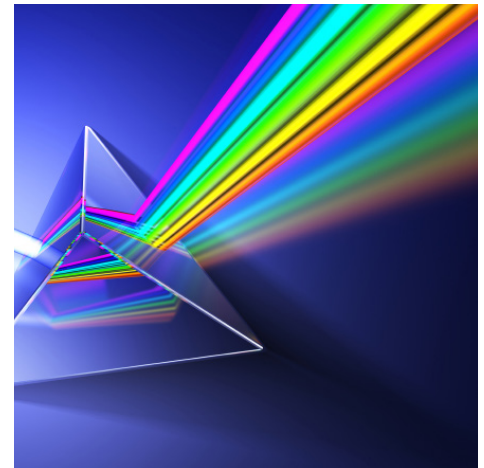
Technical Subcommittees

- E12.01 Terminology
- E12.02 Spectrophotometry and Colorimetry
- E12.03 Geometry
- E12.04 Color and Appearance Analysis
- E12.05 Fluorescence
- E12.06 Image Based Color Measurement
- E12.07 Color Order Systems
- E12.10 Retroreflection
- E12.11 Visual Methods
- E12.12 Gonioapparent Color
- E12.13 Photoluminescent Safety Markings
- E12.93 Precision and Bias

Key Documents

- D523 Standard Test Method for Specular Gloss
- D1729 Standard Practice for Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials
- D2244 Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
- E313 Standard Practice for Calculating Yellowness and Whiteness Indices from Instrumentally Measured Color Coordinates

Learn more about Committee E12
www.astm.org/COMMIT/E12



Quick Facts

Established 1948

Number of Members 150

Number of Standards 70

Global Participation

18 Countries represented

The standards are available in
Volume 06.01 in the *Annual Book of ASTM Standards*

Meetings E12 meets twice each year, in January and June

Staff Manager

Tom O'Toole

ASTM International
Headquarters

100 Barr Harbor Drive
West Conshohocken, PA 19428
USA

tel +1 610.832.9739

totoole@astm.org

Join ASTM

www.astm.org/join