

Standards under the Jurisdiction of ASTM International Committee E37 on Thermal Measurements

E228-06 Standard Test Method for Linear Thermal Expansion of Solid Materials With a Vitreous Silica Dilatometer

E289-04 Standard Test Method for Linear Thermal Expansion of Rigid Solids with Interferometry

E473-06A Standard Terminology Relating to Thermal Analysis and Rheology

E793-06 Standard Test Method for Enthalpies of Fusion and Crystallization by Differential Scanning Calorimetry

E794-06 Standard Test Method for Melting And Crystallization Temperatures By Thermal Analysis

E831-06 Standard Test Method for Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis

E928-03 Standard Test Method for Determination of Purity by Differential Scanning Calorimetry

E967-03 Standard Practice for Temperature Calibration of Differential Scanning Calorimeters and Differential Thermal Analyzers

E968-02 Standard Practice for Heat Flow Calibration of Differential Scanning Calorimeters

E1131-03 Standard Test Method for Compositional Analysis by Thermogravimetry

E1142-07 Standard Terminology Relating to Thermophysical Properties

E1225-04 Standard Test Method for Thermal Conductivity of Solids by Means of the Guarded-Comparative-Longitudinal Heat Flow Technique

E1269-05 Standard Test Method for Determining Specific Heat Capacity by Differential Scanning Calorimetry

E1356-03 Standard Test Method for Assignment of the Glass Transition Temperatures by Differential Scanning Calorimetry

E1363-03 Standard Test Method for Temperature Calibration of Thermomechanical Analyzers

E1461-01 Standard Test Method for Thermal Diffusivity of Solids by the Flash Method

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E1530-06 Standard Test Method for Evaluating the Resistance to Thermal Transmission of Materials by the Guarded Heat Flow Meter Technique

E1545-05 Standard Test Method for Assignment of the Glass Transition Temperature by Thermomechanical Analysis

E1582-04 Standard Practice for Calibration of Temperature Scale for Thermogravimetry

E1640-07 Standard Test Method for Assignment of the Glass Transition Temperature By Dynamic Mechanical Analysis

E1641-07 Standard Test Method for Decomposition Kinetics by Thermogravimetry

E1719-05 Standard Test Method for Vapor Pressure of Liquids by Ebulliometry

E1782-03 Standard Test Method for Determining Vapor Pressure by Thermal Analysis

E1824-02 Standard Test Method for Assignment of a Glass Transition Temperature Using Thermomechanical Analysis Under Tension

E1858-03 Standard Test Method for Determining Oxidation Induction Time of Hydrocarbons by Differential Scanning Calorimetry

E1860-07 Standard Test Method for Elapsed Time Calibration Thermal Analyzers

E1867-06 Standard Test Method for Temperature Calibration of Dynamic Mechanical Analyzers

E1868-04 Standard Test Method for Loss-On-Drying by Thermogravimetry

E1877-00(2005) Standard Practice for Calculating Thermal Endurance of Materials from Thermogravimetric Decomposition Data

E1952-06 Standard Test Method for Thermal Conductivity and Thermal Diffusivity by Modulated Temperature Differential Scanning Calorimetry

E1953-07 Standard Practice for Description of Thermal Analysis Apparatus

E1970-06 Standard Practice for Statistical Treatment of Thermoanalytical Data

E2008-06 Standard Test Method for Volatility Rate by Thermogravimetry

E2009-02 Standard Test Method for Oxidation Onset Temperature of Hydrocarbons by Differential Scanning Calorimetry

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E2038-99(2004) Standard Test Method for Temperature Calibration of Dielectric Analyzers

E2039-04 Standard Test Method for Determining and Reporting Dynamic Dielectric Properties

E2040-03 Standard Test Method for Mass Scale Calibration of Thermogravimetric Analyzers

E2041-03 Standard Method for Estimating Kinetic Parameters by Differential Scanning Calorimeter Using the Borchardt and Daniels Method

E2069-06 Standard Test Method for Temperature Calibration on Cooling of Differential Scanning Calorimeters

E2070-03 Standard Test Method for Kinetic Parameters by Differential Scanning Calorimetry Using Isothermal Methods

E2071-00(2005) Standard Practice for Calculating Heat of Vaporization or Sublimation from Vapor Pressure Data

E2092-04 Standard Test Method for Distortion Temperature in Three-Point Bending by Thermomechanical Analysis

E2113-04 Standard Test Method for Length Change Calibration of Thermomechanical Analyzers

E2160-04 Standard Test Method for Heat of Reaction of Thermally Reactive Materials by Differential Scanning Calorimetry

E2161-06A Standard Terminology Relating to Performance Validation in Thermal Analysis

E2206-06 Standard Test Method for Force Calibration Of Thermomechanical Analyzers

E2253-03 Standard Method for Enthalpy Measurement Validation of Differential Scanning Calorimeters

E2254-03 Standard Test Method for Storage Modulus Calibration of Dynamic Mechanical Analyzers

E2347-05 Standard Test Method for Indentation Softening Temperature by Thermomechanical Analysis

E2402-05 Standard Test Method for Mass Loss and Residue Measurement Validation of Thermogravimetric Analyzers

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E2403-06 Standard Test Method for Sulfated Ash of Organic Materials by
Thermogravimetry

E2425-05 Standard Test Method for Loss Modulus Conformance of Dynamic
Mechanical Analyzers

E2510-07 Standard Test Method for Torque Calibration or Conformance of Rheometers

E2550-07 Standard Test Method for Thermal Stability by Thermogravimetry

E2551-07 Standard Test Method for Humidity Calibration (or Conformation) of
Humidity Generators for Use with Thermogravimetric Analyzers