

ASTM Tests Methods for Polyurethane Products

- D0149 Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies
- D0150 Test Methods for AC Loss Characteristics and Permittivity (Dielectric Constant) of Solid Electrical Insulation
- D0256 Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics
- D0257 Test Methods for DC Resistance or Conductance of Insulating Materials
- D0395 Test Methods for Rubber Property Compression Set
- D0412 Test Methods for Vulcanized Rubber and Thermoplastic Elastomers Tension
- D0413 Test Methods for Rubber Property--Adhesion to Flexible Substrate
- D0429 Test Methods for Rubber Property--Adhesion to Rigid Substrates
- D0430 Test Methods for Rubber Deterioration--Dynamic Fatigue
- D0470 Test Methods for Crosslinked Insulations and Jackets for Wire and Cable
- D0471 Test Method for Rubber Property Effect of Liquids
- D0531 Test Method for Rubber Property Pusey and Jones Indentation
- D0570 Test Method for Water Absorption of Plastics
- D0573 Test Method for Rubber Deterioration in an Air Oven
- D0575 Test Methods for Rubber Properties in Compression

- D0623 Test Methods for Rubber Property--Heat Generation and Flexing Fatigue In Compression
- D0624 Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
- D0638 Test Method for Tensile Properties of Plastics
- D0648 Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position
- D0695 Test Method for Compressive Properties of Rigid Plastics
- D0696 Test Method for Coefficient of Linear Thermal Expansion of Plastics Between 30C and 30C with a Vitreous Silica Dilatometer
- D0746 Test Method for Brittleness Temperature of Plastics and Elastomers by Impact

- D0747 Test Method for Apparent Bending Modulus of Plastics by Means of a Cantilever Beam
- D0790 Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
- D0792 Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement
- D0813 Test Method for Rubber Deterioration--Crack Growth
- D0814 Test Method for Rubber Property--Vapor Transmission of Volatile Liquids

D0945 Test Methods for Rubber Properties in Compression or Shear (Mechanical Oscillograph)
D0991 Test Method for Rubber Property--Volume Resistivity Of Electrically Conductive and Antistatic Products

D1004 Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting
D1043 Test Method for Stiffness Properties of Plastics as a Function of Temperature by Means of a Torsion Test

D1044 Test Method for Resistance of Transparent Plastics to Surface Abrasion
D1052 Test Method for Measuring Rubber Deterioration--Cut Growth Using Ross Flexing Apparatus
D1148 Test Method for Rubber Deterioration--Discoloration from Ultraviolet (UV) or UV/Visible Radiation and Heat Exposure of Light-Colored Surfaces

D1149 Test Methods for Rubber Deterioration Cracking in an Ozone Controlled Environment
D1349 Practice for Rubber--Standard Conditions for Testing
D1630 Test Method for Rubber Property Abrasion Resistance (Footwear Abrader)

D1894 Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and Sheeting
D1929 Test Method for Determining Ignition Temperature of Plastics
D1938 Test Method for Tear-Propagation Resistance (Trousers Tear) of Plastic Film and Thin Sheeting by a Single-Tear Method

D2000 Classification System for Rubber Products in Automotive Applications
D2137 Test Methods for Rubber Property--Brittleness Point of Flexible Polymers and Coated Fabrics

D2228 Test Method for Rubber Property Relative Abrasion Resistance by Pico Abrader Method
D2240 Test Method for Rubber Property Durometer Hardness
D2572 Test Method for Isocyanate Groups in Urethane Materials or Prepolymers
D2632 Test Method for Rubber Property Resilience by Vertical Rebound

D2990 Test Methods for Tensile, Compressive, and Flexural Creep and Creep-Rupture of Plastics
D3137 Test Method for Rubber Property--Hydrolytic Stability
D4065 Practice for Plastics: Dynamic Mechanical Properties: Determination and Report of Procedures

D4496 Test Method for D-C Resistance or Conductance of Moderately Conductive Materials
D4812 Test Method for Unnotched Cantilever Beam Impact Resistance of Plastics
D5023 Test Method for Plastics: Dynamic Mechanical Properties: In Flexure (Three-Point Bending)

- D5420 Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
- D5628 Test Method for Impact Resistance of Flat, Rigid Plastic Specimens by Means of a Falling Dart (Tup or Falling Mass)
- D5963 Test Method for Rubber Property Abrasion Resistance (Rotary Drum Abrader)
- D7426 Test Method for Assignment of the DSC Procedure for Determining Tg of a Polymer or an Elastomeric Compound
- E0096 Test Methods for Water Vapor Transmission of Materials
- E1131 Test Method for Compositional Analysis by Thermogravimetry
- G0065 Test Method for Measuring Abrasion Using the Dry Sand/Rubber Wheel Apparatus
- G0105 Test Method for Conducting Wet Sand/Rubber Wheel Abrasion Tests
- SI 10 SI Quick Reference Guide: International System of Units (SI) The Modernized Metric System