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D4566-20 Standard Test Methods for Electrical Performance Properties of Insulations and Jackets for Telecommunications Wire and Cable

D2656-20 Standard Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 2001 to 35 000 V

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D5637-05(2017) Standard Test Method for Moisture Resistance of Electrical Insulating Varnishes

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D5638-18 Standard Test Method for Chemical Resistance of Electrical Insulating Varnishes

D3377-04(2018) Standard Test Method for Weight Loss of Solventless Varnishes

D3756-18 Standard Test Method for Evaluation of Resistance to Electrical Breakdown by Treeing in Solid Dielectric Materials Using Diverging Fields

D6053-14(2018) Standard Test Method for Determination of Volatile Organic Compound (VOC) Content of Electrical Insulating Varnishes

D6343-14(2018) Standard Test Methods for Thin Thermally Conductive Solid Materials for Electrical Insulation and Dielectric Applications

D3251-19 Standard Test Method for Thermal Endurance Characteristics of Electrical Insulating Varnishes Applied Over Film-Insulated Magnet Wire

D5213-19 Standard Specification for Polymeric Resin Film for Electrical Insulation and Dielectric Applications

D3426-19 Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials Using Impulse Waves

D5032-19 Standard Practice for Maintaining Constant Relative Humidity by Means of Aqueous Glycerin Solutions

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D3755-20 Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials Under Direct-Voltage Stress

D2686-19 Standard Specification for Polytetrafluoroethylene-Backed Pressure-Sensitive Electrical Insulating Tape

D3874-20 Standard Test Method for Ignition of Materials by Hot Wire Sources

D4872-14(2020) Standard Test Method for Dielectric Testing of Wire and Cable Filling Compounds

D4730-13(2020) Standard Specification for Flooding Compounds for Telecommunications Wire and Cable

D4568-13(2020) Standard Test Methods for Evaluating Compatibility Between Cable Filling and Flooding Compounds and Polyolefin Wire and Cable Materials

D4246-14(2020) Standard Specification for Ozone-Resistant Thermoplastic Elastomer Insulation for Wire and Cable, 90 ° C Operation

D3555-20e1 Standard Specification for Track-Resistant Crosslinked Polyethylene Insulation for Wire and Cable, 90 $^\circ$ C Operation

D4732-13(2020) Standard Specification for Cool-Application Filling Compounds for Telecommunications Wire and Cable

D3554-20e1 Standard Specification for Track-Resistant Thermoplastic High-Density Polyethylene Insulation for Wire and Cable, 75 $^\circ$ C Operation

D4731-13(2020) Standard Specification for Hot-Application Filling Compounds for Telecommunications Wire and Cable

D3004-08(2020) Standard Specification for Crosslinked and Thermoplastic Extruded Semi-Conducting, Conductor, and Insulation Shielding Materials

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D4063-99(2022) Standard Specification for Pressboard for Electrical Insulating Purposes

D4313-22 Standard Specification for General-Purpose, Heavy-Duty, and Extra-Heavy-Duty Crosslinked Chlorinated Polyethylene (CPE) Jackets For Wire and Cable

D4363-22 Standard Specification for Thermoplastic Chlorinated Polyethylene (CPE) Jacket for Wire and Cable

D5374-22a Standard Test Methods for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation

D5568-22a Standard Test Method for Measuring Relative Complex Permittivity and Relative Magnetic Permeability of Solid Materials at Microwave Frequencies Using Waveguide

D7449/D7449M-22a Standard Test Method for Measuring Relative Complex Permittivity and Relative Magnetic Permeability of Solid Materials at Microwave Frequencies Using Coaxial Air Line

D4496-21e1 Standard Test Method for D-C Resistance or Conductance of Moderately Conductive Materials

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D6194-23 Standard Test Method for Glow-Wire Ignition of Materials

D5425-23 Standard Guide for Development of Fire Hazard Assessment Standards of Electrotechnical Products

D6095-12(2023) Standard Test Method for Longitudinal Measurement of Volume Resistivity for Extruded Crosslinked and Thermoplastic Semiconducting Conductor and Insulation Shielding Materials

D5424-23a Standard Test Method for Smoke Obscuration of Insulating Materials Contained in Electrical or Optical Fiber Cables When Burning in a Vertical Cable Tray Configuration

D5537-23a Standard Test Method for Heat Release, Flame Spread, Smoke Obscuration, and Mass Loss Testing of Insulating Materials Contained in Electrical or Optical Fiber Cables When Burning in a Vertical Cable Tray Configuration

D4243-23 Standard Test Method for Measurement of Average Viscometric Degree of Polymerization of New and Aged Electrical Papers and Boards

D3144-23 Standard Specification for Crosslinked Poly(Vinylidene Fluoride) and Poly(Vinylidene Fluoride) Copolymer Heat-Shrinkable Tubing for Electrical Insulation

D2655-23 Standard Specification for Crosslinked Polyethylene Insulation for Wire and Cable Rated 0 to 2000 V, 90 $\,^\circ\,$ C Operation

D8436-23 Standard Specification for Fluoropolymer-based Materials for Use for Encapsulation of Downhole Cable

D3056-23 Standard Test Method for Gel Time of Solventless Varnishes