

## COMPOSITES TESTING:

**Industries Served:** Plastics, Medical, Automotive Consumer Products

**Materials Tested:** Plastics, Composites, Resins, Compounds

### Test Capabilities by ASTM Test Method:

- ASTM D149 - Dielectric Breakdown Voltage & Strength
- ASTM D256 - Izod Impact Test
- ASTM D257 - DC Resistance Insulating Materials
- ASTM D412 - Tensile - Elastomer Properties (Test Method A)
- ASTM D495 - High-Voltage, Low Current Dry Arc Resistance
- ASTM D570 - Water Absorption of Plastic Materials
- ASTM D638 - Tensile Properties of Thermoplastic Materials
- ASTM D648 - Deflection Temperature of PM Under Load
- ASTM D695 - Compressive Strength
- ASTM D790 - Flexural Properties of Plastics
- ASTM D792 - Specific Gravity of Polymers
- ASTM D882 - Tensile Strength - Thin Polymeric Sheeting
- ASTM D903 - Bond Strength Properties of Adhesives - Peel Strength
- ASTM D1002 - Bond Strength Properties of Adhesives - Lap Shear
- ASTM D1042 - Changes in Linear Dimensions of Plastic Materials
- ASTM D1525 - Vicat Softening Point of Plastic Materials
- ASTM D1622 - Density Determination of Foamed Polymer Material
- ASTM D1781 - Climbing Drum Peel Test
- ASTM D1822 - Tensile Impact Test
- ASTM D1876 - Bond Strength Properties of Adhesives T-Peel
- ASTM D2095 - Bond Strength Properties of Adhesives - Butt Joint
- ASTM D2583 - Barcol Hardness
- ASTM D3418 - Differential Scanning Calorimetry (DSC)
- ASTM D3638 - Comparative Tracking Index (CTI)
- ASTM D3874 - Hot Wire Ignition (HWI)
- ASTM D5045 - Fracture Toughness and Strain Energy Release (KIC & GIC)
- ASTM E1640 - Dynamic Mechanical Analysis (DMA)
- IEC 60695-2-11 - Glow-Wire Flammability (Ignitability) for End Products
- IEC 60695-2-12 - Glow-Wire Flammability (Ignitability) for End Products
- IEC 60695-2-13 - Glow-Wire Flammability for Materials
- IEC-60695-10-2 - Ball Pressure Test
- UL 94 - Flammability