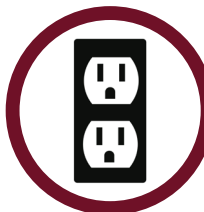




# Polymer Resources

COMPOUNDING SUCCESS



## Electrical & Electronics

### ► Addressing the Industry's Toughest Requirements

Polymer Resources has developed a broad portfolio of resins that are UL-listed and NEMA-approved for electrical & electronics applications and meet stringent standards for:

- Flame Retardance
- Arc Resistance
- Hot-wire Ignition
- Comparative Tracking Index (CTI)
- High-amp Arc Ignition (HAI)
- High-voltage Arc Tracking Rate (HTVR)

**UL746C  
F1 RATING**  
for Outdoor  
Use

**70+**  
UL-Listed  
Grades

### ► Our Products

We produce high-quality engineering resins and blends for the electrical and electronics industry:

- Polycarbonate (PC)
- Modified Polyphenylene Ether (PPE)
- Acrylonitrile Butadiene Styrene (ABS)
- Polybutylene Terephthalate (PBT)
- Acrylonitrile Styrene Acrylate (ASA)
- Nylon 6 & 6,6
- Polyetherimide (PEI)
- Blends:  
PC/ABS, PC/PBT, ABS/PBT, PC/ASA, PPE/Nylon

We are industry leaders in custom compounding of resins and blends using a broad portfolio of:

- **Additives:**
  - UV stability, mold release, colorants and other stability additives
- **Modifiers:**
  - Flame retardants, impact modifiers, flow enhancers, processing aids
- **Reinforcing Agents:**
  - Glass fibers, mineral fillers

### ► Applications

Our products are used in a wide range of electrical & electronics applications including, but not limited to:

#### **BUILDING SYSTEMS:**

- Wiring Devices
- Circuit Protection
- Cable Ties
- Connectors/Terminal Blocks
- Power Equipment

#### **LIGHTING SYSTEMS:**

- Lighting Controls & Sensors
- Emergency Lighting
- Exit Signs

#### **ELECTRONICS:**

- Flashlights
- Residential & Commercial Controls
- Signaling Protection & Communication

#### **MEDICAL EQUIPMENT:**

- Medical Imaging Products



Ask us about our Sustainable Materials Portfolio.

## ► Our Services

To help you achieve the best results with our materials, Polymer Resources provides expert services:

### ► Technical Expertise

- Product Selection
- Process Optimization
- Part & Tool Design Support
- Regulatory Requirements

### ► Stability

- 50 Years in Business
- Privately Owned
- Reliable Source
- Longstanding Employees
- Continuous Investment
- Just-in-time Manufacturing



### ► Manufacturing

- Production Compounding in Farmington, CT and Rochester, NY
- Engineering Resins, Blends, Alloys and Certified Circular Grades
- Closed-loop Recycling
- Express Manufacturing

### ► Quality Guarantee

- Customer-centric Culture
- ISO9001 Certification
- Product Returns: <1%
- Lot-to-lot Consistency

### ► Customization

- Custom Formulations
- Fast, Precise Custom Color-matching
- Tailored Services
- Flexible Orders: 250 lbs. to truckloads

### ► Accelerated Time to Market

- Fast, Expert Responses
- Expedited Regulatory Approvals (UL, CSA, NEMA)
- Short Lead-times
- Extensive Local Warehousing
- 99% On-time Delivery

## ► Our Proven Value

For more than 50 years, Polymer Resources has provided high-quality products and services, rapid responses, short lead times and business stability to benefit our customers.

**50**  
*years*

## ► About Polymer Resources

Polymer Resources is a leading, privately owned U.S. supplier of high-quality customized specialty engineering resin compounds, color-matching services and related material technology solutions for the electrical, medical, consumer goods, business equipment and automotive industries. The company has been doing business for half a century, attesting to its focus on excellence, customer centricity and reliability.

Talk to one of our experts today. Call 1-800-243-5176, email [info@prlresins.com](mailto:info@prlresins.com) or visit [www.prlresins.com](http://www.prlresins.com)