

# Technical Support Services

The high-performance resins and specialty compounds Conventus Polymers offers are used in a variety of critical applications. These demanding applications require an investment of engineering resources throughout design, production, and occasionally post-production.

Conventus partners with you by offering a suite of technical resources at your fingertips to help you achieve success and sustain it. This support, coupled with our extensive application development experience and market understanding, can help you jump start your engineering project. We can support you with material selection, design recommendations/part geometry, tooling selection and much more.

## Conventus Technical Resources

### Material Selection

### Formulation Development

- ▶ Thermoplastic Resins
- ▶ Compounds
- ▶ Elastomers
- ▶ Fluoropolymers

### Mold Flow Analysis

### Processing Support

- ▶ Injection molding
- ▶ Extrusion
- ▶ Compression molding
- ▶ Blow molding
- ▶ Thermoforming
- ▶ 3D printing
- ▶ 2 shot molding
- ▶ Scientific molding
- ▶ LSR
- ▶ Rotomolding

### Industry Specific Standard Testing

- ▶ UL
- ▶ NSF
- ▶ REACH
- ▶ BPA-free
- ▶ ANSI
- ▶ FDA
- ▶ ISO10993
- ▶ RoHS
- ▶ NORSOK
- ▶ ASTM

### Polymer Characterization

### Accelerated Test Development

### Expertise with Secondary Operations

- ▶ Sonic and vibration
- ▶ Inserts
- ▶ Plating
- ▶ Coatings
- ▶ Welding
- ▶ 3D printing
- ▶ Laser marking
- ▶ Adhesives

### Failure Analysis Methods



## About Conventus Polymers

Conventus Polymers offers superior custom compounding and masterbatch solutions in thermoplastic resins. Conventus partners with you to identify the best resins, reinforcements, additives, modifiers, and more to formulate a custom compound for your specific application requirements. Conventus delivers a combination of technology, performance, and quality with speed, flexibility, and service that is unparalleled in today's industry. Our goal is to work as your partner to make your vision a reality.

## Conventus Support Network

Conventus works with a large network of unassociated part designers, tool builders, and injection molders and can make the appropriate recommendations and introductions to assist with any project.



# Additional Support Services

## Manufacturing Expertise

Our manufacturing facilities excel with continuous improvement and highly developed process controls to ensure every batch produced meets our customer's wide array of specifications.

- ▶ Global manufacturing locations in the USA and China
- ▶ 55lb (25 kg) minimum order
- ▶ Regulatory approvals (UL, FDA, NSF, ISO 10993, REACH, RoHS)
- ▶ Quick development to production cycle
- ▶ 2-5 week lead time
- ▶ Commonly used compounds are made-to-inventory
- ▶ Stocking programs / JIT are available

## Distribution

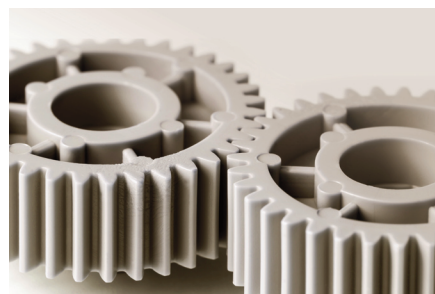
Conventus Polymers represents the industry's leading producers of high performance and specialty resins, allowing them to provide customers with the latest resin technologies. Conventus Polymers offers an unmatched combination of materials expertise and logistics to help customers achieve success and sustain it.

## Global Locations

Conventus, along with their subsidiaries in Canada, Mexico, and China, offers stocking in over 30 warehouse locations worldwide. In addition, they offer local manufacturing, import/export capabilities, DDP inotems, and local currency transactions.

## Quality Focus

Conventus Polymers is committed to the principle of continuous improvement. We strive to continually improve our quality system and processes to meet and exceed our internal and external customer expectations at all times.



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