

# Providing Thermoplastic Compounds and Masterbatches

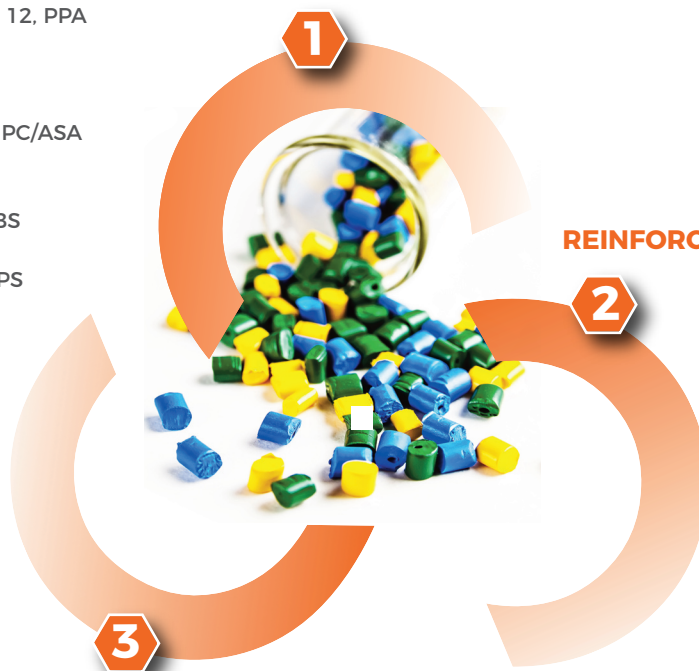
**Conventus Polymers** offers superior custom compounding and masterbatch solutions in thermoplastic resins. Conventus partners with you to identify the best resins, reinforcements, additives, modifiers, and more to formulate a custom compound for your specific application requirements. Conventus delivers 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.

## Materials

We help you choose the right material for your application. When working with Conventus Polymers you have access to a comprehensive list of plastics and fillers. The combinations are virtually endless.

### THERMOPLASTICS RESINS

Polyamides: 6, 6/6, 4/6, 6/10, 6/12, 11, 12, PPA  
Sulfones: PSU, PPSU, PESU  
Polyketones: PEEK, PAEK, PK  
Sulfides: PPS  
Polycarbonates: PC, PC/ABS, PC/PBT, PC/ASA  
Polyesters: PBT, PET, PBT/PET  
Polyetherimides: PEI  
Elastomers: COPE, TPV, TPE, TPU, SEBS  
Polyphenylene Ethers: mPPE  
Styrenics: PS, HIPS, ABS, SAN, ASA, SPS  
Olefins: LDPE, HDPE, PP  
Acetals: POM  
Fluoropolymers: PVDF  
Acrylics: PMMA  
Liquid Crystal Polymers: LCP



### REINFORCEMENTS AND ADDITIVES

Short and Long Glass Fiber  
Impact Modifiers  
Short and Long Carbon Fiber  
Flame Retardants  
PTFE  
Silicone  
Carbon Powder  
Metal Powders  
Ceramics  
Graphite  
Hollow Glass Spheres  
Stainless Steel Fibers  
Tungsten  
Glass Flake and Bead  
Carbon Nanotubes  
Molybdenum Disulfide  
Graphene  
Wollastonite  
Calcium Carbonate  
Mica  
Talc  
Clay

### CUSTOMIZABLE PROPERTIES

Strength and Stiffness	Overmolding
Structural	High Specific Gravity
High Temperature	X-Ray Detectable
Wear and Friction	Antimicrobial
Electrical and Thermal Conductivity	Low Temperature Impact
Flame Retardants	Lightweight Solutions
Abrasion Resistance	Electrostatic
Chemical Resistance	Low Warp Solutions
Custom Colors	



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## Technical Support

Our broad technical support, expertise in application development, mold flow capabilities, and deep market understanding helps support you with material selection, design recommendations, tooling selection, and more.

## 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

## 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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