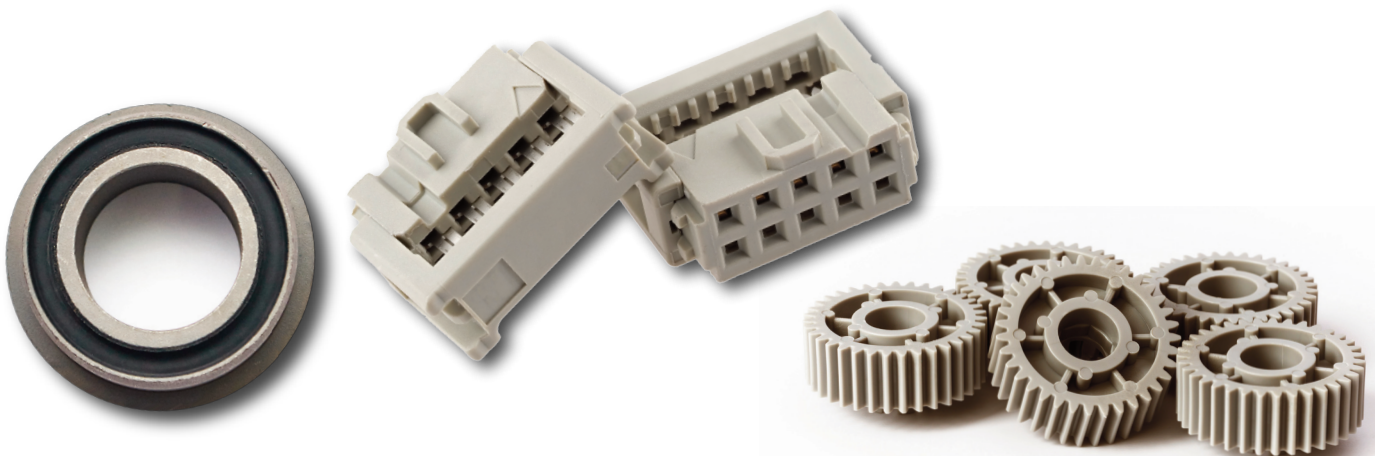




PEEK

(Polyetheretherketone)

PEEK is a semi-crystalline linear aromatic polymer. It exhibits outstanding property performance across a broad range of temperatures and is insoluble in all common solvents. PEEK also offers excellent wear resistance coupled with a low coefficient of friction making it an ideal choice for engineers and designers looking to extend part life and lower machine operating costs. Conventus Polymers is an authorized distributor of VESTAKEEP® PEEK from Evonik.



Key Features

- ▶ High temperature resistance
- ▶ Superior friction and wear resistance
- ▶ Good electrical characteristics
- ▶ High strength and stiffness
- ▶ Good processability
- ▶ Excellent fatigue resistance
- ▶ Unmatched chemical and hydrolysis resistance
- ▶ Inherently flame retardant
- ▶ Hardness
- ▶ Superior property retention at elevated temperatures

Applications

- ▶ Fasteners and brackets
- ▶ Gears
- ▶ Connectors
- ▶ Computer components
- ▶ Back-up rings and sensors
- ▶ Valve and wear plates
- ▶ Seal rings and thrust washers
- ▶ Bearings and bushings
- ▶ Vanes and rotors
- ▶ Umbilicals
- ▶ Plugs and packers
- ▶ Valve seats and thrust washers

Industries

- ▶ Automotive
- ▶ Industrial
- ▶ Semiconductor
- ▶ Food processing
- ▶ Aerospace
- ▶ Electrical
- ▶ Medical
- ▶ Recreation



PEEK

(Polyetheretherketone)



About Conventus Polymers

Conventus Polymers offers distribution as well as 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. The goal is to work as your partner to make your vision a reality.

Conventus Manufacturing Expertise

The manufacturing facilities at Conventus 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, Mexico, 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.

*VESTAKEEP is a registered trademark of Evonik Degussa GmbH



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