



OIL & GAS

SOLUTIONS

Your Plastic Experts

Piedmont Plastics® is your trusted source for engineering thermoplastics that deliver reliable performance in oil and gas applications.

Our products are formulated to maintain their integrity under extreme pressure, elevated temperatures, and corrosive operating environments. Contact us today to get a quote!

Available Products

With numerous locations across North America, Piedmont Plastics always has what you need in stock. Some of our popular materials for the oil and gas industry sector:

- PEEK
- Phenolic
- PPS
- Nylon
- Acetal
- PAI
- PTFE
- HDPE
- Polycarbonate
- Polyurethane
- UHMW
- And more!

Key Benefits

Engineered thermoplastics offer a range of advantages over traditional metals, including:

- Chemical, moisture, electrical and corrosion resistance
- High-temperature and low-temperature capabilities
- Abrasion and impact resistance
- Great bearing and wear characteristics
- Reduced maintenance and downtime
- Lightweight and simple to fabricate



Common Applications

Performance plastics play a critical role across various oil and gas operations, including:

- Petrochemical refining
- Oil and gas exploration
- Oil Refining
- Fracking
- Pumping
- Subsea systems

These operations depend on the versatility and durability of performance plastics to meet the demands of energy production applications.

- Piping supports
- Ball valves
- Seals and rings
- Sheaves
- Wear pads
- Poppets
- Bushings and bearings
- Wear components
- Downhole insulators
- Valve seats
- Subsea connectors
- Packing components



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