MODERN plastics
Improving Life with Plastics!™



ENVIRONMENTAL

Not only do performance plastics have a low overall lifecycle carbon footprint, including being recyclable, they are used directly in applications that help preserve and restore the world in which we live.

ADVANTAGES MAY INCLUDE

- Long service life
- Corrosion resistance
- Chemical resistance
- Low co-efficient of friction
- UV resistant
- Recyclable
- High strength
- Light weight
- Weather resistant
- Less frequent maintenance and replacement
- Ease of processing and forming

Request a quote!

CONTACT US
email sales@modernplastics.com



APPLICATIONS

Water and Wastewater Treatment

- Filtration systems
- Pump and valves
- Piping systems
- Reverse osmosis systems

Air Pollution Control

- Industrial air scrubbers
- Ductwork
- Air filtration components
- Gas treatment equipment

Renewable Energy - Solar, Wind and Fuel Cells

- Bearing and bushings
- Electrical insulation
- Structural composite components
- Hydrogen system components

Recycling and Waste Management

- Conveyor rollers and bearings
- Wear resistant guides and slides
- Processing machinery components

MATERIALS

- Acetal — **POM**
- Acrylic — **PMMA**
- Acrylonitrile — **Butadiene-**
- Styrene — **ABS**
- Polycarbonate — **PC**
- Polyethylene — **PE**
- Polyimide — **Nylon**
- Polypropylene — **PP**
- Polytetrafluoroethylene — **PTFE**
- Polyether sulfone — **PES**
- Polyurethane — **PU/PUR**
- Polyvinyl Chloride — **PVC**
- Chlorinated Polyvinyl Chloride — **CPVC**
- Polyvinylidene fluoride — **PVDF**
- Polyether sulfone — **PES**
- Polyphenylene sulfide — **PPS**
- Polyetheretherketone — **PEEK**
- Ultra-High Molecular weight PE — **UHMW**

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