

DEFENSE and AEROSPACE Division

KEY FEATURES

- Light Weight
- High Strength
- Low Wear
- Conductive
- Heat Resistant
- Cold Resistant
- Low Outgassing
- Flame Retardant
- Radiation Resistant
- Fuel Resistant

COMMON APPLICATIONS

- Bearings
- Bushings
- Stand-Offs
- Seals and Gaskets
- Pope Brackets
- Rollers
- Housings
- Electrical Insulators
- Thermal Isolators
- Interior Components
- Decking
- Seat Backs



Modern Plastics offers an extensive range of engineering grade plastic products suitable for aerospace and defense applications.

CERTIFICATIONS

- ▶ ISO 9001:2015 and AS9100D REGISTERED
- ▶ ISO 9001:2015 and AS9120B REGISTERED
- ▶ ISO 13485: 2016 REGISTERED



modernplastics.com

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MATERIALS

- ▶ **ACRYLIC – POLY II, POLY 76, POLY 84**
(Cell Cast Acrylic)
- ▶ **ABS**
- ▶ **BORATED POLYETHYLENE**
- ▶ **CELAZOLE® PBI**
- ▶ **DELIN® AF** (PTFE Filled Acetal)
- ▶ **DELIN AF DE-588** (Full Test Reports Included)
- ▶ **KYDEX® 100, T and 6565** (Aircraft Grade PVC/Acrylic Alloy)
- ▶ **LEXAN®** (Aircraft Grade Polycarbonate)
- ▶ **LEXGARD®** (Bullet Resistant Polycarbonate)
- ▶ **NYLON PA 66, PA 6, PA 66 GF15 FR**
- ▶ **NORYL®** (PPE)
- ▶ **ULTEM®** (Polyetherimide)
- ▶ **PEEK POLYETHERETHERKETONE**
- ▶ **PEEK GF30** (Glass Fiber Reinforced)
- ▶ **PEEK** (Carbon Fiber, Graphite, PTFE Filled)
- ▶ **POLYCARBONATE**
- ▶ **POLYOLEFINS, HDPE, PP, ECTFE**
- ▶ **PHENOLIC**
- ▶ **PVC**



- ✓ Unparalleled Quality Standards
- ✓ Bar Coding of all Plastic Products
- ✓ Complete Certifications on all Shipments
- ✓ Complete Material Traceability/Lot & Batch Reports
- ✓ Major Defense Industry Customers Approved Supplier
- ✓ Test Reports / Material Inspection Sampling Reporting
- ✓ Large Inventory of High-Performance Plastic Materials
- ✓ Custom Precision Machining of all Plastics Materials
- ✓ Precision Close-Tolerance Cutting of all Plastic
- ✓ Advanced Technical Information
- ✓ Worldwide Shipping



Featured Suppliers

Ensinger

EVONIK
POWER TO CREATE

KYDEX
THERMOPLASTICS

MITSUBISHI CHEMICAL
ADVANCED MATERIALS

PLASKOLITE

POLYCAST
ACRYLIC SHEET

RÜCHLING

Westlake
plastics
LIFE IN POLYMERS

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