



# Marine

Plastics are resistant to saltwater, UV, chemicals, sunshine and corrosion, making them perfect for marine applications.

## Applications

- Fuel lines
- Cowls
- Fairings
- Fishing rod holders and racks
- Boat and dock bumpers
- Pulleys and sheaves
- Switch board panels
- Relay bases
- Rudder and stern shaft bearings
- Deck machinery bushings and linear bearings
- Pump bearings
- Cabinetry
- Swim platforms
- Grab rails and handles
- Decking
- Gangways and steps
- Windows
- Sealing



- Flexible, bends without breaking
- Non-conductive
- Available in many colors

## Materials

- Acrylic (PMMA)
- Acrylic-Styrene-Acrylonitrile (ASA)
- Acrylonitrile-Butadiene-Styrene (ABS)
- Cellulosics
- Epoxy
- High-Density Polyethylene (HDPE)
- Ionomer
- Nylon/Cast Nylon (PA)
- Phenolic (Industrial Thermosets)
- Polybutylene Terephthalate (PBT)
- Polycarbonate (PC)
- Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS)
- Polyethylene Terephthalate (PET)
- Polyurethane (PU/PUR)
- Polyvinyl Chloride (PVC)
- Silicone (SI)
- Thermoset Polyesters
- Ultra-High Molecular Weight Polyethylene (UHMW-PE)

## Did you know?

In Canada, fishing is more popular than golf and tennis combined, according to the Canadian Safe Boating Council.

## Advantages May Include

- Stable and rigid
- Saltwater, UV, weather, chemical, odor and stain resistant
- Low coefficient of thermal expansion
- Increases hydrodynamics
- Complex, sculpted contours; easy to fabricate
- Superior flatness, doesn't warp or delaminate
- Lightweight
- No painting required
- Cleans easily
- Low moisture absorption
- Excellent bearing and wear performance
- Does not rot, swell or splinter



## Environmental and Safety

Considering the total carbon footprint, including costs of raw materials, manufacture, transport, fabricate, install, maintain, plastics compare favorably with more traditional materials. Also, plastics are safer to handle and install. When you consider that most plastics are readily recyclable, they can become the most environmentally responsible and safest choice for many demanding marine applications.

