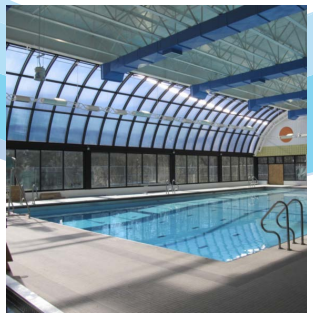
Recreation

From swimming pools to roller coasters to basketball backboards to playground equipment, if you're having fun, chances are plastics are along for the ride. Relax and enjoy the durability of plastics!

Applications

- Swimming Pools — water treatment, pool enclosures, diving boards, piping
- Snowmobiles — skis, slide suspensions, sprockets, fuel lines, windshields, bumpers, bearings and bushings
- Amusement park rides — signage, housings, wheels, bumpers/rub rails, benches, piping, canopies
- Bowling alleys — pin guides, kick plates, ball returns, rollers
- Reproductions of jukeboxes — windows, housings
- Hockey shielding and dasher systems
- Playground equipment
- Parks — picnic tables, basketball backboards
- Piping
- Waterslides
- Signage
- Skylights



Advantages May Include

- Weather, UV, fire and chemical resistant
- Sound deadening/attenuation
- Impact and wear resistance
- Provides variety of rolling resistances, load bearing capacities and hysteresis characteristics (for roller coaster designs)
- Shatterproof
- Easy to fabricate and thermoform
- Lower incidents of breakage means less need to maintain replacement stock
- Available in many colors
- Allows maximum daylight into interior spaces
- Can withstand extreme temperatures
- Thermal insulation
- Reduces heat build-up in hot climates
- Less breakage means safer designs

Materials

- Acrylonitrile-Butadiene-Styrene (ABS)
- Acetal (POM)
- Acrylic (PMMA)
- High-Density Polyethylene (HDPE)
- Nylon (PA)
- Polycarbonate (PC)
- Polyethylene (PE)
- Polypropylene (PP)
- Polytetrafluoroethylene (PTFE)
- Polyurethane (PU/PUR)
- Polyvinyl Chloride (PVC)
- PVC/Acrylic Alloy
- Ultra-High Molecular Weight Polyethylene (UHMW-PE)

Did you know?

Americans spend more than $4 billion annually at amusement parks, with roller coasters being the largest attraction.

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 recreation applications.