**POLYCARBONATE** (PC) is an amorphous thermoplastic clear, colorless polymer. It has outstanding physical properties and is used extensively for engineering and optical applications.

SABIC® PC, manufactured exclusively at our Saudi Kayan plant, comes with the same commitment to quality that you have come to expect from SABIC, a world leader in polycarbonate resin manufacturing for over 50 years.

**KEY PRODUCT PROPERTIES**

- **HIGH TRANSPARENCY**
  Light Transmission (Up to 90%)

- **EXCEPTIONAL IMPACT RESISTANCE**
  Suitable for industrial applications at room temperature and below

- **DIMENSIONAL STABILITY**
  Low in Shrinkage and CTE

- **HIGH HEAT RESISTANCE**
  High Tg (145 °C)
KEY APPLICATIONS

OPTICAL
• CDs and DVDs

ELECTRICAL & ELECTRONICS
• Switches
• Cases

AUTOMOTIVE
• Headlamps
• Lenses

CONSUMER
• Luggage
• Furniture
• Juicers and blenders

BUILDING & CONSTRUCTION
• Streetlight covers
• Lenses for LED lights

SHEET
• Roofing
• Glazing
# SABIC® PC PORTFOLIO

<table>
<thead>
<tr>
<th>Optical Grade</th>
<th>Standard</th>
<th>FDA</th>
<th>Mold release</th>
<th>UV stabilized Mold release</th>
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## Injection Molding

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## Compounding

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## Extrusion

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</table>

- PCS800 MFR 250°C/1.2Kg
- Others MFR 300°C/1.2Kg
- MFR*: g/10 min
- FDA
The SABIC® PC resin portfolio offers an optimized set of products designed to serve high volume applications in the extrusion, injection molding and optical media markets. We also offer a wide range of products for the custom compounding market.

**EXTRUSION GRADES (EXT)**
SABIC® PC resin is available for extrusion applications in UV stabilized grades with or without release.

**COMPOUNDING GRADES (CMP)**
SABIC® PC resin offers a variety of grades suitable for use as feedstock for custom compounding operations.

**FOOD GRADES FOR CONSUMABLE ITEMS (FDA)**
SABIC® PC resin now offers new grades for food containers and applications that have direct food contact.

**OPTICAL MEDIA GRADE (OQ)**
SABIC® PC resin is available in a high flow, optical quality grade designed specifically for use in optical media.

**GENERAL PURPOSE MOLDING GRADES (GP)**
SABIC® PC resin offers a range of melt flow options in general purpose grades for injection molding applications.
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