

سابك
sabic

SABIC® PC

CHEMISTRY THAT MATTERS™

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

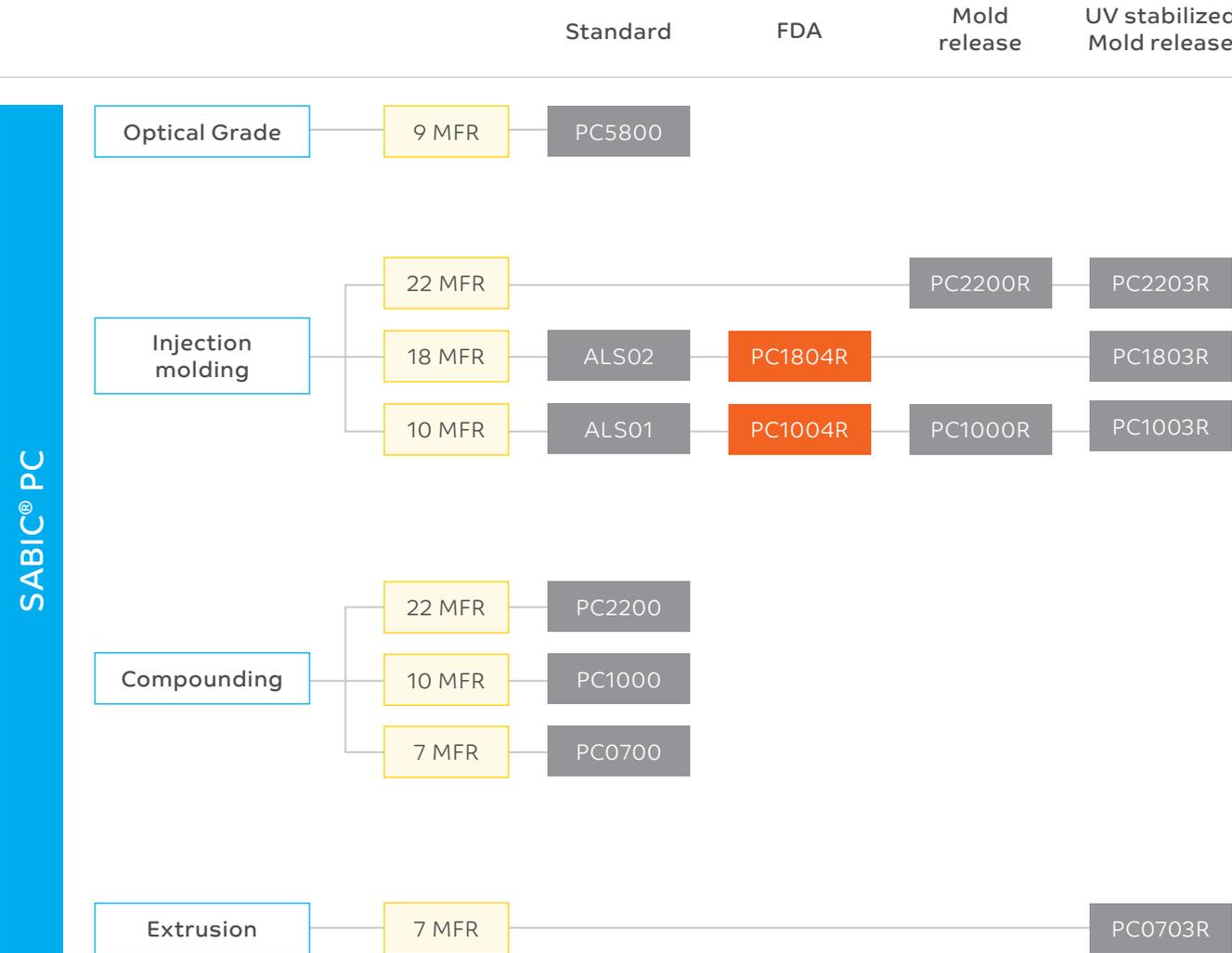
- Streetlight covers
- Lenses for LED lights

SHEET

- Roofing
- Glazing



SABIC® PC PORTFOLIO



- PC5800 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)

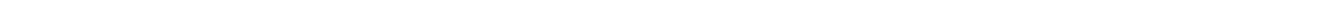
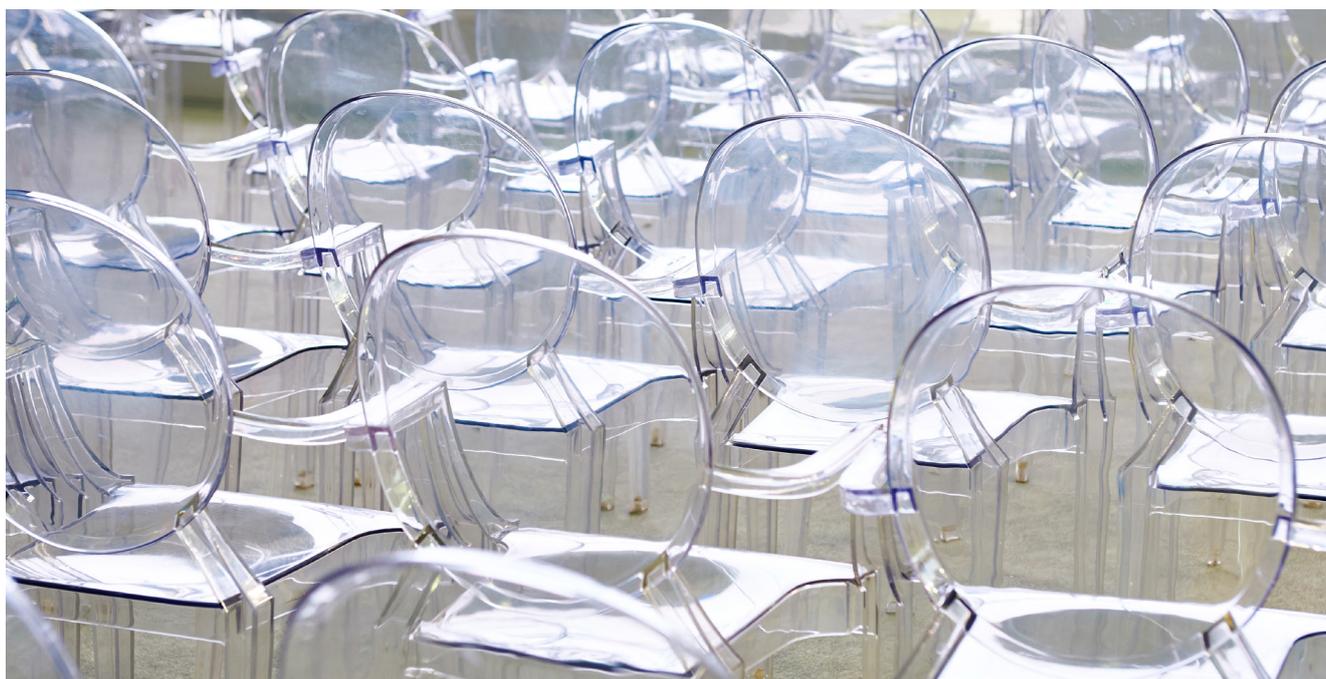
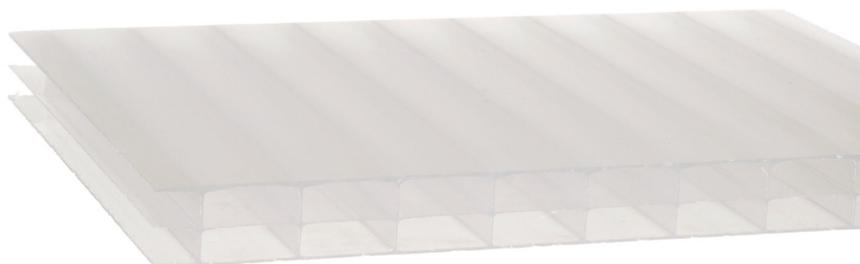
SABIC® PC resin now offers new grades for food containers and applications that have direct food contact.

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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