

**Product Texts**

As part of SABIC® PP FLOWPACT portfolio, FPC70 delivers high top load performance (potential downgauging) with a superior stiffness / impact balance. It is nucleated and has good antistatic performance with easy demoulding. This grade has good flow behavior, and it was designed for high-speed injection moulding process, potentially enabling very cost efficient processing on the basis of easy mould filling and very short cycle times. Applications: SABIC® PP FPC70 is typically used in rigid packaging applications for both food and non-food industries. This includes packaging for yellow fats, cheese spreads, dairy, frozen, chilled and ambient food, household chemicals and paints among others. It can be also used in several applications in the caps & closures as well in housewares. The grade has excellent heat deflection temperature making it particularly suitable for hot fill applications. Health, Safety and Food Contact regulations: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC.com> This product is not intended for and must not be used in any pharmaceutical/medical applications.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1700</b>	MPa	ISO 527
Yield stress	<b>28</b>	MPa	ISO 527
Yield strain	<b>4</b>	%	ISO 527
Izod notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>4</b>	kJ/m <sup>2</sup>	ISO 180/1A

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>60</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>100</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>150</b>	°C	ISO 306
Vicat softening temperature, B	<b>80</b>	°C	ISO 306

**Characteristics****Certifications**

Food contact