

Product Texts

This grade has been developed as a new member of the SABIC® PP FLOWPACT range dedicated to the rigid packaging market. It delivers a high top load performance (potential downgauging) with a superior stiffness / impact balance. It is nucleated and is characterized by a high crystallization temperature and excellent flow behavior. This grade was designed for high-speed injection moulding and it enables very cost efficient processing on the basis of easy mould filling and very short cycle times. It has a very good antistatic performance with easy demoulding. Application: This material 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, paints among others. It can be also used in several applications in the caps & closures industry as well in housewares. The grade has excellent heat deflection temperature making it particularly suitable for hot fill applications. Health, Safety and Food Contact regulation: Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site <http://www.SABIC-com>. -The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1700	MPa	ISO 527
Yield stress	30	MPa	ISO 527
Yield strain	4	%	ISO 527
Charpy notched impact strength, +23°C	7.5	kJ/m ²	ISO 179/1eA
Izod notched impact strength	3.5	kJ/m ²	ISO 180/1A

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

Characteristics**Processing**

Injection Molding

Certifications

Food contact