

Product Texts

SABIC® PP 505P is a low mfi grade typically used in extrusion applications like sheet and thermoforming. Application:SABIC® PP 505P is typically used in dairy, flower pots, yellow fats and disposables plates and cups. However, customers use this grade also in combination with fillers like Talc and CaCO₃. 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 grade material is UL registered under File E111275 (www.ul.com)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1500	MPa	ISO 527
Yield stress	37	MPa	ISO 527
Yield strain	10	%	ISO 527
Charpy notched impact strength, +23°C	4.5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
Vicat softening temperature, B	88	°C	ISO 306

Characteristics**Processing**

Thermoforming

Certifications

Food contact