

Product Texts

SABIC® PP 525P is particularly developed for (biaxially) oriented PP film extrusion with a very specific molecular structure providing the ultimate properties required for the stretching process. Application: SABIC® PP 525P is typically used in mono layer or coextruded (B)OPP film. SABIC® PP 525P is known for its excellent metallisation behaviour. Health, Safety and Food Contact regulations: SABIC® PP 525P has a Food Contact Declaration. 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. This grade material is UL registered under File E111275 (www.ul.com) IMDS 7172624

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1550	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**Certifications**

Food contact