

Product Texts

SABIC® PP 527K is a leading grade typically used for products in thermoforming. Tailoring of the polymer architecture combined with effective nucleation resulted in a good balance of very high stiffness combined with excellent transparency. Its high crystallisation temperature is ideally suited for further line speed improvements. Moreover it is formulated with a combined processing and antistatic additive package. Application: SABIC® PP 527K is typically used in packaging for Fruit, Vegetables, Meat, Fish, Poultry and Ambient Food packaging. 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. IMDS 7172624

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	40	MPa	ISO 527
Yield strain	6	%	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	65	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	115	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306
Vicat softening temperature, B	100	°C	ISO 306

Characteristics**Processing**

Thermoforming

Certifications

Food contact