

Product Texts

SABIC® PP PHC26 combines very high impact resistance, also at low temperatures, with high stiffness and offers good flow properties. Thanks to the very low tendency to warp and the excellent surface quality, SABIC® PP PHC26 is typically used in injection moulding of suitcase shells, crates & boxes and automotive parts. 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>. The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications. IMDS 80775790

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1250	MPa	ISO 527
Yield stress	23	MPa	ISO 527
Yield strain	5	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	60	kJ/m ²	ISO 179/1eA
Izod notched impact strength	10	kJ/m ²	ISO 180/1A
Shore D hardness	60	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	50	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, A	147	°C	ISO 306
Vicat softening temperature, B	68	°C	ISO 306

Characteristics**Processing**

Injection Molding

Certifications

Food contact