

Product Texts

SABIC® PP 576S is a PP homopolymer grade that has good flow properties, very good demoulding properties and a narrow molecular weight distribution. Products made from SABIC® PP 576S typically have low warpage and a high gloss, high stiffness in combination with moderate impact strength at room temperature. Application: SABIC® PP 576S is typically used in caps & closures and thin wall packaging both in food and non-food segments, and appliances. 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. This grade material is UL registered under File E111275 (www.ul.com) IMDS 7172624

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1800	MPa	ISO 527
Yield stress	37	MPa	ISO 527
Yield strain	9	%	ISO 527
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Shore D hardness	71	-	ISO 7619-1

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	90	°C	ISO 75-1/-2
Vicat softening temperature, A	152	°C	ISO 306
Vicat softening temperature, B	94	°C	ISO 306

Characteristics**Features**

Homopolymer

Certifications

Food contact