

Product Texts

SABIC® PP 578L is a PP homopolymer grade which contains a well balanced antistatic and slip agent package. This grade allows for cost efficient processing on the basis of good flow behavior, short cycle times, good demoulding and robust processing behaviour. Products made from SABIC® PP 578L typically have low warpage, high stiffness in combination with moderate impact strength at room temperature, good antistatic behavior and a high gloss. Application: SABIC® PP 578L is typically used in caps & closures and thin wall packaging both in food and non-food segments. 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	1700	MPa	ISO 527
Yield stress	36	MPa	ISO 527
Yield strain	9	%	ISO 527
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Shore D hardness	69	-	ISO 7619-1

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	90	°C	ISO 75-1/-2
Vicat softening temperature, A	153	°C	ISO 306
Vicat softening temperature, B	95	°C	ISO 306

Characteristics**Features**

Homopolymer

Certifications

Food contact