

Product Texts

SABIC® PP 578N is a nucleated PP homopolymer grade. This grade allows for cost efficient processing on the basis of good flow behavior, short cycle times, and robust processing behaviour. Products made from SABIC® PP 578N typically have low warpage and a high gloss, high stiffness in combination with moderate impact strength at room temperature. Application: SABIC® PP 578N is typically used in domestic appliances and furniture. 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	1900	MPa	ISO 527
Yield stress	38	MPa	ISO 527
Yield strain	8	%	ISO 527
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Shore D hardness	72	-	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	95	°C	ISO 75-1/-2
Vicat softening temperature, A	154	°C	ISO 306
Vicat softening temperature, B	99	°C	ISO 306

Characteristics**Features**

Homopolymer