



SABIC® PP 578P

PP homopolymer for Injection moulding

Description:

SABIC® PP 578P is a controlled rheology homopolymer grade intended for injection moulding applications. Products made from SABIC® PP 578P typically have low warpage, high stiffness in combination with moderate impact strength at room temperature and a high gloss.

Remark: SABIC® PP 578P has limited availability in Europe. Please contact your sales representative concerning availability.

Application:

SABIC® PP 578P is typically used in household articles, toys and other rigid 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-europe.com>

The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/ medical applications.

Typical values

Revision 20100609

Properties	Unit (Si)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg	g/10 min	25	ASTM D 1238
Density	kg/m ³	905	ASTM D 792
Mechanical properties			
Tensile test stress at yield	MPa	36	ASTM D 638
strain at yield	%	11	
Flexural test Secant modulus at 1% elongation	MPa	1510	ASTM D 790
Izod impact notched at 23 °C	J/m	30	ASTM D 256
Rockwell hardness R-scale	-	104	ASTM D 785
Thermal properties			
Heat deflection temperature at 0.45 MPa	°C	96	ASTM D 648
Vicat softening temperature at 10 N (VST/A)	°C	153	ASTM D 1525



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Quality:

SABIC Europe is fully certified in accordance with the internationally accepted quality standard ISO9001.

Storage and handling:

Avoid prolonged storage in open sunlight, high temperatures (<50 °C) and /or high humidity as this could well speed up alteration and consequently loss of quality of the material and /or its packaging. Keep material completely dry for good processing.

Disclaimer. The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe and legal use, processing and handling of all product(s) purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.

SABIC Europe as referred to herein means any legal entity belonging to the SABIC Europe group of companies.