



SABIC® PP 680K

PP random copolymer for Blow moulding

Description:

SABIC® PP 680K is a new development grade in the blow moulding product range. Impact, transparency, stiffness are well balanced and give you the opportunity to make very nice blow moulding products. High transparency, contact clarity and gloss will produce appealing blow moulded bottles. These properties, combined with a high heat deflection temperature, result in a wide variety of applications where this material can be used.

Application:

SABIC® PP 680K is used for various blow moulding processes like Extrusion Blow Moulding and Injection (Stretch) Blow Moulding. 680K applications range from household to personal care products, but the material is also very suited for food packaging where a high heat distortion could be required.

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>

Typical values

Revision 20090415

Properties	Unit (Si)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg	g/10 min	1.7	ISO 1133
Density	kg/m ³	905	ISO 1183
Mechanical properties			
Flexural test Flexural modulus	MPa	1000	ASTM D 790
Izod impact notched at 23 °C	kJ/m ²	22	ISO 180/4A
Optical properties			
Haze	%	9	ASTM D 1003
Thermal properties			
Heat deflection temperature at 0.45 MPa (HDT/B)	°C	76	ISO 75/B



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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.