



SABIC® PP 673K Provisional

PP random copolymer for Injection moulding

Description:

This random copolymer is medium ethylene modified, clarified and anti-static. It is developed for injection moulding applications. Special characteristics are good stiffness, outstanding transparency and gloss combined with low temperature processing. Typical applications are in housewares, transparent GP storage boxes, food storage containers and caps & closures.

Health, Safety and Food Contact regulations:

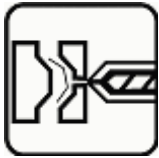
Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site
<http://www.SABIC-europe.com>

Typical values

Revision 20090728

Properties	Unit (SI)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg	g/10 min	25	ISO 1133
Density	kg/m ³	905	ISO 1183
Mechanical properties			
Tensile test			ISO 527
stress at yield	MPa	29	
stress at break	MPa	32	
strain at break	%	>50	
Flexural test			ASTM D 790
Flexural modulus	MPa	1150	
Izod impact notched			ISO 180/4A
at 23 °C	kJ/m ²	5.5	
at 0 °C	kJ/m ²	2.5	
Charpy impact notched			ISO 179
at 23 °C	kJ/m ²	4.0	
Hardness Shore D	-	68	ISO 868
Optical properties			
Haze ¹⁾	%	7.5	ASTM D 1003
Thermal properties			
Heat deflection temperature			
at 1.80 MPa (HDT/A)	°C		ISO 75/A
at 0.45 MPa (HDT/B)	°C		ISO 75/B
Vicat softening temperature			
at 10 N (VST/A)	°C		ISO 306/A
at 50 N (VST/B)	°C		ISO 306/B

1) Thickness of test specimen: 1.6mm



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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.