



SABIC® PP 621P Provisional

PP random copolymer for Cast film

Description:

SABIC®PP 621P is a newly designed random copolymer polypropylene particularly for cast film applications with high clarity. Products produced out of SABIC® PP 621P have a high clarity, excellent sealing performance and high puncture resistance. The molecular structure of this grade is tailored for high performance processing. SABIC® PP 621P does not contain anti-block and slip agent. A grade with anti-block and slip agent is available as SABIC® PP 622L.

Applications:

SABIC PP 621P is typically used in applications like food packaging, lamination film, stationary film, textile packaging, flower packaging, and hygiene packaging.

Health, Safety and Food Contact regulations:

SABIC®PP 621P has a Food Contact Declaration. 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 20100916

Properties	Unit (Si)	Values	Test methods
Polymer properties			
Melt flow rate (MFR) at 230 °C and 2.16 kg	g/10 min	8	ISO 1133
Density	kg/m ³	905	ISO 1183
Molecular Weight Distribution	-	Narrow	SABIC method
Formulation			
Anti block agent	-	No	SABIC method
Slip agent	-	No	SABIC method
Anti static agent	-	No	SABIC method
Nucleating agent	-	No	SABIC method
Mechanical properties			
Tensile test			ISO 527
stress at yield	MPa	28	
stress at break	MPa	30	
strain at break	%	600	
Flexural test			ASTM D 790
Flexural modulus	MPa	850	
Izod impact notched at 23 °C	kJ/m ²	5,5	ISO 180/4A
Optical properties			
Gloss (45°)	1) ‰	>90	ASTM D 2457
Haze	1) %	<0,9	ASTM D 1003
Thermal properties			
DSC test melting point	°C	145	SABIC method

1) Determined at film of 25 um



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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.