

SABIC® PP 621P

PP RANDOM COPOLYMER

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. SABIC®PP 621P is also a partner resin of LLDPE for power stretch film to which high holding force is required in order to assure good pallet stability.

Specific applications are: sparkling beverage, building & construction materials and in general unitized heavy goods.

SABIC®PP 621P has a good rheological matching with LLDPE which result in an easy process-ability (see graph on second page).

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.com>.

The product mentioned herein is in particular not tested and therefore not validated for use in pharmaceutical/medical applications. IMDS 80775790

TYPICAL PROPERTY VALUES

Revision 20230111

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	8.0	dg/min	ISO 1133
Density	905	kg/m³	ASTM D1505
Molecular Weight Distribution	Narrow	-	-
FORMULATION			
Anti block agent	☐	-	-
Slip agent	☐	-	-
MECHANICAL PROPERTIES			
Tensile test			
strain at yield ⁽¹⁾	13	%	ISO 527-2 1A
tensile modulus ⁽²⁾	800	MPa	ISO 527-2 1A
stress at yield	25	MPa	ISO 527-2 1A
THERMAL PROPERTIES			
Vicat Softening Temperature ⁽³⁾			
at 50 N (VST/B)	63	°C	ISO 306
at 10 N (VST/A)	128	°C	ISO 306

(1) Speed of testing: 50 mm/min

(2) Speed of testing: 1 mm/min

(3) Temperature rate: 120°C/h

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

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NONINFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.



petromall.net



info@petromall.ps



+970 599 2020 64



Hebron - Palestine

فلسطين - الخليل

+972 2 2233840

