

# SABIC® PP 622L

PP RANDOM COPOLYMER

## DESCRIPTION

SABIC®PP 622L is a polypropylene random copolymer resin specifically designed for cast film applications. Products produced out of SABIC®PP 622L 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 622L contains anti-block and slip agent for low coefficient of friction. A grade without anti-block and slip agent is available as SABIC®PP 621P.

Applications: SABIC PP 622L 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 622L is compliant to food contact regulations. 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
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
at 230 °C and 2.16 kg	8.0	dg/min	ISO 1133
<b>Density</b>	905	kg/m <sup>3</sup>	ASTM D1505
<b>Molecular Weight Distribution</b>	Narrow	-	-
<b>FORMULATION</b>			
<b>Anti block agent</b>	<input checked="" type="checkbox"/>	-	-
<b>Slip agent</b>	<input checked="" type="checkbox"/>	-	-
<b>MECHANICAL PROPERTIES</b>			
<b>Tensile test</b>			
strain at yield <sup>(1)</sup>	13	%	ISO 527-2 1A
tensile modulus <sup>(2)</sup>	800	MPa	ISO 527-2 1A
stress at yield	25	MPa	ISO 527-2 1A
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature <sup>(3)</sup></b>			
at 10 N (VST/A)	128	°C	ISO 306
at 50 N (VST/B)	63	°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.