



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 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
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 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

QUALITY

SABIC Europe is fully certified in accordance with the internationally accepted quality standard ISO9001.

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

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DISCLAIMER

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