



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.

TYPICAL PROPERTY VALUES

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/m ³	ASTM D1505
Molecular Weight Distribution	Narrow	-	-
FORMULATION			
Anti block agent	<input checked="" type="checkbox"/>	-	-
Slip agent	<input checked="" type="checkbox"/>	-	-
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