



# SABIC® PP 522L

## PP HOMOPOLYMER

### DESCRIPTION

SABIC® PP 522L is particularly designed for extrusion of cast film, both mono layer films and co extruded films. It provides an excellent combination of transparency, stiffness and high heat resistance. It contains a slip agent and anti block additive package. SABIC® PP 522L is the formulated version of SABIC® PP 520P. Application: SABIC® PP 522L is typically used for food packaging, lamination film, stationary film, textile packaging, flower packaging, and hygiene packaging. Health, Safety and Food Contact regulations: SABIC® PP 522L has a Food Contact Declaration. Material Safety Data Sheets (MSDS) and

### TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
at 230 °C and 2.16 kg	10.5	dg/min	ISO 1133
<b>Density</b>	905	kg/m <sup>3</sup>	ASTM D1505
<b>Molecular Weight Distribution</b>	Broad	-	-
<b>Isotacticity</b>	Medium	-	-
<b>FORMULATION</b>			
<b>Anti block agent</b>	☑	-	-
<b>Slip agent</b>	☑	-	-
<b>MECHANICAL PROPERTIES</b>			
<b>Tensile test</b>			
tensile modulus <sup>(1)</sup>	1700	MPa	ISO 527-2 1A
strain at yield <sup>(2)</sup>	9	%	ISO 527-2 1A
stress at yield	36	MPa	ISO 527-2 1A
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature <sup>(3)</sup></b>			
at 50 N (VST/B)	95	°C	ISO 306
at 10 N (VST/A)	154	°C	ISO 306

(1) Speed of testing: 1 mm/min

(2) Speed of testing: 50 mm/min

(3) Temperature rate: 120°C/h