

# SABIC® PP 501P

PP HOMOPOLYMER

## DESCRIPTION

SABIC® PP 501P is a multi purpose grade for extrusion applications. Application:SABIC® PP 501P is typically used (by our customers) for extrusion of tapes and strapping.

Health, Safety and Food Contact regulations:Material Safety Data Sheets (MSDS) and Product Safety declarations are available on our Internet site  
<http://www.SABIC.com>  
IMDS ID: 7172624

## TYPICAL PROPERTY VALUES

Revision 20220720

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
at 230 °C and 2.16 kg	0.8	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>MECHANICAL PROPERTIES</b>			
<b>Tensile test</b>			
stress at yield	37	MPa	ISO 527-2 1A
strain at yield	10	%	ISO 527-2 1A
tensile modulus	1550	MPa	ISO 527-2 1A
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>			
at 50 N (VST/B)	88	°C	ISO 306
at 10 N (VST/A)	152	°C	ISO 306

## 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.

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