

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 20210702

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230 °C and 2.16 kg	0.8	dg/min	ISO 1133
Density	905	kg/m³	ASTM D1505
Molecular Weight Distribution	Broad	-	-
Isotacticity	Medium	-	-
MECHANICAL PROPERTIES			
Tensile test			
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
THERMAL PROPERTIES			
Vicat Softening Temperature			
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.

DISCLAIMER

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