

# SABIC® PP 526P

POLYPROPYLENE HOMOPOLYMER

## DESCRIPTION

SABIC® PP 526P is specially developed for cast film applications for producing clear films and do not contain slip and antiblock additives. Films produced using SABIC® PP 526P will exhibit: Consistent processability; High gloss and clarity; Good melt strength; Good mechanical properties; Film produced can be metalized.

## TYPICAL APPLICATIONS

SABIC® PP 526P can be used for producing food and non-food packaging, stationary items and films for DVD casings for label insertion.

## TYPICAL PROPERTY VALUES

Revision 20220721

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
at 230°C and 2.16kg	8	g/10 min	ASTM D1238
<b>Density</b>			
at 23°C	905	kg/m <sup>3</sup>	ASTM D792
<b>MECHANICAL PROPERTIES</b>			
<b>Flexural Modulus (1% Secant)</b>			
	1650	MPa	ASTM D790 A
<b>Izod Impact Strength</b>			
notched, at 23°C	25	J/m	ASTM D256
<b>Rockwell Hardness, R-Scale</b>			
	102	-	ASTM D785
<b>FILM PROPERTIES</b>			
<b>Tensile Properties <sup>(1)</sup></b>			
stress at yield	35	MPa	ASTM D638
strain at yield	10	%	ASTM D638
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Temperature</b>			
	152	°C	ASTM D1525
<b>Heat deflection temperature</b>			
at 455kPa	100	°C	ASTM D648

(1) Based on injection molded specimens.

## PROCESSING CONDITIONS

Typical processing conditions for 526P are:

Average extrusion temperature range may be kept at 210 - 250°C.

## STORAGE AND HANDLING

Polypropylene resin should be stored in a manner to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably do not exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process PP resin within 6 months after delivery.

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