

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 20231205

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	8	g/10 min	ASTM D1238
Density			
at 23°C	905	kg/m³	ASTM D792
MECHANICAL PROPERTIES ⁽¹⁾			
Flexural Modulus (1% Secant)			
	1650	MPa	ASTM D790 A
Izod Impact Strength			
notched, at 23°C	25	J/m	ASTM D256
Rockwell Hardness, R-Scale			
	102	-	ASTM D785
Tensile Properties			
Stress at yield	35	MPa	ASTM D638
Strain at yield	10	%	ASTM D638
THERMAL PROPERTIES			
Vicat Softening Temperature			
	152	°C	ASTM D1525
Heat deflection temperature			
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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CHEMISTRY THAT MATTERS™



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