



# SABIC<sup>®</sup> PP 526P

POLYPROPYLENE HOMOPOLYMER

## DESCRIPTION

SABIC<sup>®</sup> 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<sup>®</sup> PP 526P will exhibit: Consistent processability; High gloss and clarity; Good melt strength; Good mechanical properties; Film produced can be metalized.

## TYPICAL APPLICATIONS

SABIC<sup>®</sup> 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

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</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.