

# SABIC® PP 526P

Polypropylene Homopolymer

SABIC Americas, Inc.

## Message:

PP Homopolymer for Cast film

PP 526P is specially developed for cast film applications for producing clear films and do not contain slip and antiblock additives.

Films produced using PP 526P has following features:

Consistent processability

High Gloss and clarity

Good Melt Strength

Good mechanical properties

Film produced can be metalized

Typical Applications

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

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Good Strength		
	High Clarity		
	High Gloss		
	Homopolymer		
	Metallizable		
Uses	Cast Film		
	Food Packaging		
	Packaging		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	0.905	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	35.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant (Injection Molded)	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C, Injection Molded)	25	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525 <sup>2</sup>
Extrusion	Nominal Value	Unit	
Melt Temperature	210 to 250	°C	
NOTE			
1.	23°C		
2.	Rate B (120°C/h)		

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#### Recommended distributors for this material

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