



# PP 526P

PP Homopolymer for Cast film

## Product Description

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.

## Typical data

Properties	Unit	Value <sup>(1)</sup>	ASTM Method
<b>Resin Properties</b>			
Melt Flow Rate @ 230°C & 2.16 kg load	g/10 min.	8	D 1238
Density @ 23°C	kg/m <sup>3</sup>	905	D 792
<b>Mechanical Properties <sup>(2)</sup></b>			
Tensile Strength @ Yield	MPa	35	D 638
Tensile Elongation @ Yield	%	10	D 638
Flexural Modulus (1% Secant)	MPa	1650	D 790A
Notched Izod Impact Strength @ 23°C	J/m	25	D 256
Rockwell Hardness, R-Scale	-	102	D 785
<b>Thermal Properties <sup>(2)</sup></b>			
Vicat Softening Point	°C	152	D 1525B
Heat Deflection Temperature @ 455 KPa	°C	100	D 648

(1) Typical values; not to be construed as specification limits.

(2) Based on injection molded specimens.

## Processing Conditions

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

## Food Regulation

PP 526P is suitable for Food contact application. Detailed information is provided in relevant Material Safety Datasheet and for additional specific information please contact SABIC local representative for certificate.

## **Storage and Handling**

PP resin should be stored to prevent a direct exposure to sunlight and/or heat. The storage area should also be dry and preferably don't 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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