

# SABIC® PP 5262P

## PROVISIONAL DATA SHEET POLYPROPYLENE HOMOPOLYMER

### DESCRIPTION

SABIC® PP 5262P is a high crystallinity polypropylene homopolymer with an extremely high stiffness, good transparency and outstanding high temperature performance. The product does not contain slip and antiblock additives is suitable for metalizable films. It is Calcium Stearate free.

### TYPICAL APPLICATIONS

SABIC® PP 5262P can be used for producing food and non-food packaging film, DVD casings for label insertion Cast Film and Twist Wrap Film

### TYPICAL PROPERTY VALUES

Revision 20250624

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES <sup>(1)</sup></b>			
<b>Melt Flow Rate (MFR)</b>			
at 230°C and 2.16kg	7	g/10 min	ISO 1133
<b>MECHANICAL PROPERTIES <sup>(2)</sup></b>			
<b>Tensile Stress at Yield</b>	38	MPa	ISO 527-1/-2
<b>Tensile modulus</b>	1900	MPa	ISO 527
<b>Izod Impact @ 23oC</b>	45	J/m	ASTM D256
<b>Flexural Modulus</b>	1750	MPa	ASTM D790
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Point @ 10N (VST/A)</b>	158	°C	ISO 306

(1) Typical values, not to be construed as specific limits.

(2) Based on injection molded specimens

### PROCESSING CONDITIONS

Typical processing conditions for PP 5262P are:

Barrel temperature range: 200 - 250°C.

Mold Shrinkage: 1.2 - 2.5% depending on wall thickness and processing conditions.

Mold Temperature: Normally 15 - 40°C, up to 65°C for thick parts.

### STORAGE AND HANDLING

Polypropylene 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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