



# SABIC® PP 6702K

POLYPROPYLENE RANDOM COPOLYMER FOR INJECTION MOLDING

## DESCRIPTION

SABIC® PP 6702K is a PP random copolymer for injection molding applications.. This grade offers very good transparency and gloss.

## TYPICAL APPLICATIONS

SABIC® PP 6702K can be used for Caps & Closures, Clear Containers, Housewares, sports, leisure and toys.

## TYPICAL PROPERTY VALUES

Revision 20230511

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	11	g/10 min	ISO 1133
<b>MECHANICAL PROPERTIES <sup>(2)</sup></b>			
<b>Tensile Stress at Yield</b>	26.5	MPa	ISO 527-1/-2
<b>Flexural Modulus</b>	1000	MPa	ISO 178/1A
<b>Izod Impact Strength</b>			
Notched at 23°C	5	kJ/m <sup>2</sup>	ISO 180/1A

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

(2) Based on injection molded specimens

## PROCESSING CONDITIONS

Typical processing conditions for SABIC PP 6702K are:

Barrel temperature range: 190 – 220 °C.

Mold Temperature: Normally 15 - 40°C, up to 65°C for thick parts. Mold Shrinkage: 1.2 - 2.0 % depending on wall thickness and processing conditions.

## 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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