

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
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	11	g/10 min	ISO 1133
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Stress at Yield	26.5	MPa	ISO 527-1/-2
Flexural Modulus	1000	MPa	ISO 178/1A
Izod Impact Strength			
Notched at 23°C	5	kJ/m ²	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.

DISCLAIMER

Any sale by SABIC, its subsidiaries and affiliates (each a "seller"), is made exclusively under seller's standard conditions of sale (available upon request) unless agreed otherwise in writing and signed on behalf of the seller. While the information contained herein is given in good faith, SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, NOR ASSUMES ANY LIABILITY, DIRECT OR INDIRECT, WITH RESPECT TO THE PERFORMANCE, SUITABILITY OR FITNESS FOR INTENDED USE OR PURPOSE OF THESE PRODUCTS IN ANY APPLICATION. Each customer must determine the suitability of seller materials for the customer's particular use through appropriate testing and analysis. No statement by seller concerning a possible use of any product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right.

