

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
POLYMER PROPERTIES⁽¹⁾			
Melt Flow Rate (MFR)	7	g/10 min	ISO 1133
MECHANICAL PROPERTIES⁽²⁾			
Tensile Stress at Yield	38	MPa	ISO 527-1/-2
Tensile modulus	1900	MPa	ISO 527
Izod Impact @ 23°C	45	J/m	ASTM D256
Flexural Modulus	1750	MPa	ASTM D790
THERMAL PROPERTIES			
Vicat Softening Point @ 10N (VST/A)	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 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 NONINFRINGEMENT 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.