



# SABIC<sup>®</sup> PP 504PT

POLYPROPYLENE HOMOPOLYMER  
REGION ASIA

## DESCRIPTION

SABIC<sup>®</sup> PP 504PT is a low fluidity polypropylene homopolymer with consistent processability, easy orientation, low water carry over and good mechanical properties.

## TYPICAL APPLICATIONS

SABIC<sup>®</sup> PP 504PT can be used for producing woven bags, flexible intermediate bulk containers, ropes & twines, carpet backing, geotextiles and concrete reinforcement.

## TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
at 230°C and 2.16 kg	3.2	g/10 min	ISO 1133
<b>Density</b>	905	kg/m <sup>3</sup>	ASTM D1505
<b>MECHANICAL PROPERTIES</b>			
<b>Rockwell Hardness <sup>(1)</sup></b>			
R-scale	100	-	ISO 2039-2
<b>FILM PROPERTIES</b>			
<b>Tensile Properties</b>			
stress at yield	34	MPa	ISO 527-2
stress at break	36	MPa	ISO 527-2
elongation at break	440	%	ISO 527-2
tensile modulus	1700	MPa	ISO 527-2 1A

(1) Based on injection molded specimens.

## HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

SABIC<sup>®</sup> PP 504PT is suitable for food contact application. Detailed information is provided in relevant documents / certificates and for additional specific information please contact SABIC local representative.

DISCLAIMER: This product is not intended for and must not be used in any pharmaceutical/medical applications.

## 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.