



SABIC[®] PP 511MK10T

POLYPROPYLENE IMPACT COPOLYMER
REGION ASIA

DESCRIPTION

SABIC[®] PP 511MK10T is a high fluidity polypropylene impact copolymer with high stiffness and medium impact strength. It contains nucleating agents.

TYPICAL APPLICATIONS

SABIC[®] PP 511MK10T can be used for auto interiors & exteriors and compounding.

TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 230°C & 2.16 kg	29	g/10 min	ISO 1133
Density	905	kg/m ³	ASTM D1505
MECHANICAL PROPERTIES			
Tensile Strength at Yield	25	MPa	ASTM D638
Flexural Modulus (1% Secant)	1350	MPa	ASTM D790 A
Charpy Impact Strength Notched ⁽¹⁾			
at 23 °C	9	kJ/m ²	ISO 179-1
at -20 °C	5	kJ/m ²	ISO 179-1
Rockwell Hardness			
R-scale	95	-	ISO 2039-2
THERMAL PROPERTIES			
Heat deflection temperature			
at 455kPa	100	°C	ISO 75-2

(1) Based on injection molded specimens.

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

SABIC[®] PP 511MK10T 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.