



POLYMERS

SABIC® PP 511MK41T

Polypropylene Impact Copolymer for Injection Molding

Revision Date: May 2022

PRODUCT DESCRIPTION:

SABIC® PP 511MK41T is a high fluidity polypropylene impact copolymer with excellent dimensional stability, low warpage, high stiffness and medium impact strength. It contains nucleating & antistatic agents.

TYPICAL APPLICATIONS:

SABIC® PP 511MK41T can be used for home appliance parts, auto interiors & exteriors, thin-walled injection articles and compounding.

TYPICAL PROPERTY VALUES:

PROPERTIES	Unit	Value ⁽¹⁾	Test Method
Melt Flow Rate @ 230°C & 2.16kg load	g/10min	29	ISO 1133
Density @ 23°C	kg/m³	905	ISO 1183
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Strength @ Yield	MPa	25	ISO 527-2
Flexural Modulus (1% Secant)	MPa	1350	ISO 178
Notched Charpy Impact Strength @ 23°C	kJ/m²	9	ISO 179-1
Notched Charpy Impact Strength @ -20°C	kJ/m²	5	ISO 179-1
Rockwell Hardness, R-Scale	-	95	ISO 2039-2
THERMAL PROPERTIES			
Heat Deflection Temperature @ 455kPa	°C	100	ISO 75-2

(1) Typical values; not to be construed as specification limits.

(2) Based on injection molded specimens.

HEALTH, SAFETY AND FOOD CONTACT REGULATIONS:

SABIC® PP 511MK41T 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 & 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.

CONTACT US:

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