



# SABIC® PP 511MNK40T

POLYPROPYLENE IMPACT COPOLYMER  
REGION ASIA

## DESCRIPTION

SABIC® PP 511MNK40T is a high fluidity polypropylene impact copolymer with high stiffness and medium impact strength. It contains nucleating & antistatic agents.

## TYPICAL APPLICATIONS

SABIC® PP 511MNK40T can be used for housewares and thin-walled injection articles.

## 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	29	g/10 min	ISO 1133
<b>Density</b>	905	kg/m³	ISO 1183
<b>MECHANICAL PROPERTIES <sup>(1)</sup></b>			
<b>Tensile Strength at Yield</b>	25	MPa	ISO 527-2
<b>Flexural Modulus (1% Secant)</b>	1350	MPa	ISO 178
<b>Charpy Impact Strength Notched</b>			
at 23 °C	9	kJ/m²	ISO 179-1
at -20 °C	5	kJ/m²	ISO 179-1
<b>Rockwell Hardness</b>			
R-scale	95	-	ISO 2039-2
<b>THERMAL PROPERTIES</b>			
<b>Heat deflection temperature</b>			
at 455kPa	100	°C	ISO 75-2

(1) Based on injection molded specimens.

## HEALTH, SAFETY AND FOOD CONTACT REGULATIONS

SABIC® PP 511MNK40T is suitable for food contact application. Detailed information is provided in relevant documents / certificates and for additional specific information please contact SABIC local representative.

## 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.



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