



SABIC® PP 512MK40T

POLYPROPYLENE IMPACT COPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 512MK40T is a high fluidity polypropylene impact copolymer with good processability, high stiffness and medium impact strength. It contains nucleating & antistatic agents.

TYPICAL APPLICATIONS

SABIC® PP 512MK40T can be used for home appliance parts and thin-walled injection articles.

TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate			
at 230°C and 2.16kg	40	g/10 min	ISO 1133
Density	905	kg/m³	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/m²	ISO 179-1
at -20 °C	5	kJ/m²	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 512MK40T 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

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