

SABIC® PP 511MK40T

POLYPROPYLENE IMPACT COPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 511MK40T is a high fluidity polypropylene impact copolymer with high stiffness and medium impact strength. It contains nucleating & antistatic agents.

TYPICAL APPLICATIONS

SABIC® PP 511MK40T can be used for home appliance parts, auto interiors & exteriors, thin-walled injection articles and compounding.

TYPICAL PROPERTY VALUES

Revision 20200901

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	29	g/10 min	ISO 1133
Density			
@23°C	905	kg/m³	ISO 1183
MECHANICAL PROPERTIES			
Tensile strength			
@Yield	25	MPa	ISO 527-2
Flexural Modulus			
(1% Secant)	1350	MPa	ISO 178
Charpy Impact Strength Notched			
@23°C	9	kJ/m²	ISO 179-1
@-20°C	5	kJ/m²	ISO 179-1
Rockwell Hardness			
R-scale	95	-	ISO 2039-2
THERMAL PROPERTIES			
Heat deflection temperature			
@455kPa	100	°C	ISO 75-2

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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