

SABIC® PP 87MK40T

POLYPROPYLENE IMPACT COPOLYMER
REGION ASIA

DESCRIPTION

SABIC® PP 87MK40T is a medium fluidity polypropylene impact copolymer with very high impact strength and high stiffness. It contains nucleating & antistatic agents.

TYPICAL APPLICATIONS

SABIC® PP 87MK40T is suitable for the production of child safety seat, toys, battery case, suitcase and compounding.

TYPICAL PROPERTY VALUES

Revision 20220429

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Melt Flow Rate (MFR)			
@230°C&2.16kg	8	g/10 min	ISO 1133
Density			
@23°C	905	kg/m³	ISO 1183
MECHANICAL PROPERTIES			
Tensile strength			
@Yield	23	MPa	ISO 527-2
Flexural Modulus			
(1% Secant)	1200	MPa	ISO 178
Charpy Impact Strength Notched			
@23°C	30	kJ/m²	ISO 179-1
@-20°C	6.5	kJ/m²	ISO 179-1
Rockwell Hardness			
R-scale	95	-	ISO 2039-2
THERMAL PROPERTIES			
Heat deflection temperature			
@455kPa	90	°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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