

# SABIC<sup>®</sup> PP 512MK40T

POLYPROPYLENE IMPACT COPOLYMER  
REGION ASIA

## DESCRIPTION

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

## TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate</b>			
at 230°C and 2.16kg	40	g/10 min	ISO 1133
<b>Density</b>	905	kg/m <sup>3</sup>	ASTM D1505
<b>MECHANICAL PROPERTIES</b>			
<b>Tensile Strength at Yield</b>	25	MPa	ASTM D638
<b>Flexural Modulus (1% Secant)</b>	1350	MPa	ASTM D790 A
<b>Charpy Impact Strength Notched <sup>(1)</sup></b>			
at 23 °C	9	kJ/m <sup>2</sup>	ISO 179-1
at -20 °C	5	kJ/m <sup>2</sup>	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.

