

# SABIC® PP 513MN40

POLYPROPYLENE IMPACT COPOLYMER FOR INJECTION MOLDING

## DESCRIPTION

SABIC® PP 513MN40 is a controlled rheology PP grade with very high fluidity. It contains an antistatic agent and especially developed for producing injection molded articles. This grade has a good impact resistance even at low temperature.

## TYPICAL APPLICATIONS

SABIC® PP 513MN40 can be used for general purpose thin-walled injection molding applications.

## TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES <sup>(1)</sup></b>			
<b>Melt Flow Rate (MFR)</b>			
at 230°C and 2.16kg	70	g/10 min	ASTM D1238
<b>Density</b>			
at 23°C	905	kg/m <sup>3</sup>	ASTM D792
<b>MECHANICAL PROPERTIES <sup>(2)</sup></b>			
<b>Tensile Properties</b>			
Strength @ Yield	24	MPa	ASTM D638
Elongation @ Yield	6	%	ASTM D638
Flexural Modulus (1% Secant)	1200	MPa	ASTM D790 A
<b>Izod Impact Strength</b>			
notched, at 23°C	65	J/m	ASTM D256
notched, at -20°C	30	J/m	ASTM D256
Rockwell Hardness, R-Scale	94	-	ASTM D785
<b>THERMAL PROPERTIES</b>			
Vicat Softening Temperature	150	°C	ASTM D1525
<b>Heat deflection temperature</b>			
at 455kPa	92	°C	ASTM D648

(1) Typical values, not to be construed as specific limits

(2) Based on injection molded specimens

