

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
POLYMER PROPERTIES ⁽¹⁾			
Melt Flow Rate (MFR)			
at 230°C and 2.16kg	70	g/10 min	ASTM D1238
Density			
at 23°C	905	kg/m ³	ASTM D792
MECHANICAL PROPERTIES ⁽²⁾			
Tensile Properties			
Strength @ Yield	24	MPa	ASTM D638
Elongation @ Yield	6	%	ASTM D638
Flexural Modulus (1% Secant)	1200	MPa	ASTM D790 A
Izod Impact Strength			
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
THERMAL PROPERTIES			
Vicat Softening Temperature	150	°C	ASTM D1525
Heat deflection temperature			
at 455kPa	92	°C	ASTM D648

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

(2) Based on injection molded specimens

