

# SABIC® PP 310MK10R

PP IMPACT COPOLYMER

## DESCRIPTION

SABIC® PP 310MK10R is an impact copolymer polypropylene resin and is typically used for industrial injection molding application. It has a medium melt flow and molded parts made from this resin typically exhibits good impact, high stiffness and good heat stability.

## TYPICAL APPLICATIONS

Crates, pails, electrical and industrial applications.

This product is not intended for use in medical and pharmaceutical applications.

## TYPICAL PROPERTY VALUES

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
<b>POLYMER PROPERTIES</b>			
<b>Melt Flow Rate (MFR)</b>			
@ 230°C/2.16 kg	24.5	g/10 min	ASTM D1238
<b>MECHANICAL PROPERTIES</b>			
Tensile Strength at Yield	24	MPa	ASTM D638
Tensile Strength at Break	17	MPa	ASTM D638
Flexural Modulus	1290	MPa	ASTM D790
<b>Izod Impact Strength</b>			
Notched, 23°C	8	kJ/m <sup>2</sup>	ISO 180
Notched, -20°C	5	kJ/m <sup>2</sup>	ISO 180
Rockwell Hardness, R-Scale	90	-	ASTM D785
<b>THERMAL PROPERTIES</b>			
Vicat Softening Point	151	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	109	°C	ASTM D648

