

# SABIC® PP 36MK10R

PP IMPACT COPOLYMER

## DESCRIPTION

SABIC® PP 36MK10R is an Impact copolymer polypropylene resin and is typically used for general purpose injection molding application. Molded parts made from this resin typically exhibits high impact and high stiffness.

## TYPICAL APPLICATIONS

Battery casing, containers, chairs, seat bases, general purpose.

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	5.5	g/10 min	ASTM D1238
<b>MECHANICAL PROPERTIES</b>			
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Strength at Break	13	MPa	ASTM D638
Flexural Modulus (1% Secant)	1170	MPa	ASTM D790 A
<b>Izod Impact Strength</b>			
Notched, 23°C	10	kJ/m <sup>2</sup>	ISO 180
notched, -20°C	4	kJ/m <sup>2</sup>	ISO 180
<b>THERMAL PROPERTIES</b>			
Vicat Softening Point	154	°C	ASTM D1525
Heat Deflection Temperature at 455kPa	106	°C	ASTM D648

