

# SABIC® PP 36MK10

PP IMPACT COPOLYMER

## DESCRIPTION

SABIC® PP 36MK10 is a nucleated polypropylene Impact copolymer resin used for general-purpose injection molding applications. Molded parts made from this resin exhibit balanced impact and stiffness.

## TYPICAL APPLICATIONS

SABIC® PP 36MK10 can be used to produce containers, battery, furniture & general-purpose items.

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>Density</b>	905	kg/m³	ASTM D1505
<b>MECHANICAL PROPERTIES</b>			
<b>Tensile Strength at Yield</b>	25	MPa	ASTM D638
<b>Tensile Strength at Break</b>	13	MPa	ASTM D638
<b>Flexural Modulus (1% Secant)</b>	1170	MPa	ASTM D790 A
<b>Izod Impact Strength</b>			
Notched, 23°C	10	kJ/m²	ISO 180
notched, -20°C	4	kJ/m²	ISO 180
<b>Rockwell Hardness, R-Scale</b>	95	-	ASTM D785
<b>THERMAL PROPERTIES</b>			
<b>Vicat Softening Point</b>	154	°C	ASTM D1525
<b>Heat Deflection Temperature at 455kPa</b>	106	°C	ASTM D648

