SABIC® PP 310MK10R

Polypropylene Impact Copolymer

SABIC

PROSPECTOR®
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Technical Data

Product 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.

General

Material Status	• Commercial: Active		
Search for UL Yellow Card	• SABIC • SABIC® PP		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield	24.0	MPa	
Break	17.0	MPa	
Flexural Modulus	1290	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength			ISO 180
-20°C	5.0	kJ/m²	
23°C	8.0	kJ/m²	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	90		ASTM D785
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	109	°C	
Vicat Softening Temperature	151	°C	ASTM D1525

Notes

[1] Typical properties: these are not to be construed as specifications.

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Where to Buy

Supplier

SABIC
Web: http://www.sabic.com/

Distributor

3Polymer (Guangzhou) Chemical Technology Co., Ltd.
Telephone: +86-20-3466-7988
Web: http://3polymer.com
Availability: China

AECTRA
Telephone: +33-4-72-54-36-42
Web: https://www.aectra.fr/
Availability: France

AGI-Augusto Guimarães & Irmão
Telephone: +351-22753-7400
Web: https://www.agi.pt/en/
Availability: Portugal

Distrupol Ltd
Distrupol Ltd is a Pan European distribution company. Contact Distrupol Ltd for availability of individual products by country.
Telephone: 08452003040
Web: http://www.distrupol.com/
Availability: Denmark, Finland, Norway, Sweden

Guzmán Polymers
Telephone: +34-963-992-400
Web: https://www.guzmanglobal.com/en/productos/plastics/
Availability: Italy, Spain, Turkey

Nexeo Plastics
Nexeo Plastics is leading global resin distributor with the technical resources you need to overcome material challenges. Visit us on the web at www.nexeoplastics.com.
Telephone: 833-446-3936
Web: https://www.nexeoplastics.com/
Availability: North America

Plastoplan
Telephone: +43-1-25040-0
Web: https://www.plastoplan.com/
Availability: Czech Republic, Poland, Slovakia

POLYMIX
POLYMIX is a Pan European distribution company. Contact POLYMIX for availability of individual products by country.
Telephone: +33-3-8920-1380
Web: http://www.polymix.eu/
Availability: France

RESINEX Group
RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.
Telephone: +32-14-672511
Web: http://www.resinex.com/
Availability: Europe

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