# SABIC® PP 37MK10R

Polypropylene Impact Copolymer

**SABIC**

PROSPECTOR®
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## Technical Data

| Product Description | |
|---|---|
| SABIC® PP 37MK10R is an impact copolymer polypropylene resin and is typically used for industrial injection molding application. 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<br>• SABIC® PP | | |
| Availability | • Africa & Middle East<br>• Asia Pacific | • Europe<br>• Latin America | • North America |

| Physical | Nominal Value | Unit | Test Method |
|---|---|---|---|
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 9.0 | g/10 min | ASTM D1238 |
| **Mechanical** | **Nominal Value** | **Unit** | **Test Method** |
| Tensile Strength | | | ASTM D638 |
| Yield | 28.0 | MPa | |
| Break | 15.0 | MPa | |
| Flexural Modulus - 1% Secant | 1530 | MPa | ASTM D790A |
| **Impact** | **Nominal Value** | **Unit** | **Test Method** |
| Notched Izod Impact Strength | | | ISO 180 |
| -20°C | 5.0 | kJ/m² | |
| 23°C | 10 | kJ/m² | |
| **Hardness** | **Nominal Value** | **Unit** | **Test Method** |
| Rockwell Hardness (R-Scale) | 96 | | ASTM D785 |
| **Thermal** | **Nominal Value** | **Unit** | **Test Method** |
| Deflection Temperature Under Load | | | ASTM D648 |
| 0.45 MPa, Unannealed | 124 | °C | |
| Vicat Softening Temperature | 153 | °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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