

SABIC® PPcompound G3230A

Polypropylene Homopolymer

SABIC

PROSPECTOR®

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Technical Data

Product Description

SABIC® PPcompound G3230A is a 30% short glass fiber reinforced Polypropylene for under-the-hood and structural applications. The base material is a PP homopolymer and is available in standard black. The glass fibres are chemically coupled to the PP matrix. This material has been designed to combine a good performance profile with fast processing.

SABIC® PPcompound G3230A is a designated automotive grade.

IMDS ID: 109612410

General

Material Status	• Commercial: Active
UL Yellow Card ¹	• E121562-102763914
Search for UL Yellow Card	• SABIC • SABIC® PPcompound
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Uses	• Automotive Applications • Automotive Exterior Parts • Automotive Under the Hood • Construction Applications • Electrical/Electronic Applications • Lawn and Garden Equipment • Outdoor Applications • Recreational Vehicle Applications

Physical	Nominal Value Unit	Test Method
Density	1.13 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11 g/10 min	ISO 1133
Molding Shrinkage ³ (24 hr, 3.20 mm)	0.60 %	Internal Method
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Break, Injection Molded)	93.0 MPa	ISO 527-2/1A
Tensile Strain (Break, Injection Molded)	3.0 %	ISO 527-2/1A
Flexural Modulus ⁴ (Injection Molded)	6900 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Charpy Notched Impact Strength 23°C, Injection Molded	12 kJ/m ²	ISO 179/1eA
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load ⁵ 1.8 MPa, Unannealed	150 °C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	4.0E-5 cm/cm/°C	ISO 11359-2
Additional Information	Nominal Value Unit	Test Method
Filler Content	30 %	Internal Method

Notes

¹ A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

² Typical properties: these are not to be construed as specifications.

³ 65x65x3.2 mm

⁴ Type 1A

⁵ Injection Molded



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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: Bulgaria, France, Romania

AGI-Augusto Guimarães & Irmão

Telephone: +351-22753-7400

Web: <https://www.agi.pt/en/>

Availability: Portugal

Amco Polymers

Telephone: 800-262-6685

Web: <http://www.amcopolymers.com/>

Availability: North America

Bamberger Polymers, Inc.*Bamberger Polymers is a global distribution company. Contact Bamberger Polymers for availability of individual products by country.*

Telephone: 516-622-3600

Web: <http://www.bambergerpolymers.com/>

Availability: Canada, Mexico, United States

GRÄSSLIN

Telephone: +49-7721-4040-261

Web: <https://www.graesslin-kunststoffe.de>

Availability: Germany

Guzmán Polymers

Telephone: +34-963-992-400

Web: <https://www.guzmanglobal.com/en/productos/plastics/>

Availability: Italy, Spain, Turkey

Lenorplastics

Telephone: +41-61-706-11-11

Web: <https://www.lenorplastics.ch>

Availability: Switzerland

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.*

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Web: <https://www.nexeoplastics.com/>

Availability: North America

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Availability: North America

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POLYMIX*POLYMIX is a Pan European distribution company. Contact POLYMIX for availability of individual products by country.*

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RESINEX Group*RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.*

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Web: <http://www.resinex.com/>

Availability: Europe

