



[Advertise with MatWeb!](#)

REGISTER NOW

Data sheets for over **110,000** metals, plastics, ceramics, and composites.

HOME • SEARCH • TOOLS • SUPPLIERS • FOLDERS • ABOUT US • FAQ • LOG IN

Searches: [Advanced](#) | [Category](#) | [Property](#) | [Metals](#) | [Trade Name](#) | [Manufacturer](#) | [Recently Viewed Materials](#)

Ensinger High Performance Plastics withstand severe environments, resist harsh chemicals, and perform well in extreme temperatures

Phillips Sumika Marlex® HGX-030-01 Polypropylene Homopolymer, Fiber Grade (discontinued **)

Categories: [Polymer](#); [Thermoplastic](#); [Polypropylene \(PP\)](#); [Polypropylene, Fiber Grade](#)

Material Notes: Polypropylene Homopolymer, Fiber Grade, Low Water Carryover

Applications: Formulated for woven industrial fabric and bags, woven carpet backing, woven bags, woven geotextile fabrics, rope and cordage

Comments: Meets FDA Regulation 21 CFR 177.1520 and is suitable for food packaging applications

The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

Data provided by Phillips Sumika Polypropylene Company (PSPC).

Phillips Sumika Polypropylene Company has been shut down, as announced in 2011. This product had been discontinued prior to the shutdown announcement.

Vendors:

Available Properties

- Density, Tests performed using compression-molded specimens; ASTM D1505
- Melt Flow, ASTM D1238
- Hardness, Shore D, Tests performed using injection-molded specimens; ASTM D2240
- Tensile Strength, Yield, ASTM D638, Type 1 Specimen, Rate: 2"/min; injection-molded specimen
- Flexural Modulus, Tangent; Rate 0.5"/min; Tests performed using compression-molded specimens; ASTM D790
- Izod Impact, Notched, Tests performed using injection-molded specimens; ASTM D256
- Izod Impact, Unnotched, Tests performed using injection-molded specimens; ASTM D256
- Deflection Temperature at 0.46 MPa (66 psi), Tests performed using injection-molded specimen; ASTM D648
- Deflection Temperature at 1.8 MPa (264 psi), Tests performed using injection-molded specimens; ASTM D648

Property Data

This page displays only the text of a material data sheet.

To see MatWeb's complete data sheet for this material (including material property data, metal compositions, material suppliers, etc), please click the button below.

Manufacturer Notes:
Phillips Sumika (Chevron Phillips Chemical Company)

Category Notes
Plastic

** Materials flagged as discontinued (Ⓢ) are no longer part of the manufacturer's standard product line according to our latest information. These materials may be available by special order, in distribution inventory, or reinstated as an active product. Data sheets from materials that are no longer available remain in MatWeb to assist users in finding replacement materials.

Users of our [Advanced Search](#) (registration required) may exclude discontinued materials from search results.

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent

format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's [terms of use](#) regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.



Subscribe to Premium Services

- Searches:** [Advanced](#) • [Composition](#) • [Property](#) • [Material Type](#) • [Manufacturer](#) • [Trade Name](#) • [UNS Number](#)
Other Links: [Advertising](#) • [Submit Data](#) • [Database Licensing](#) • [Web Design & Hosting](#) • [Trade Publications](#)
[Supplier List](#) • [Unit Converter](#) • [Reference](#) • [Links](#) • [Help](#) • [Contact Us](#) • [Site Map](#) • [FAQ](#) • [Home](#)



[Follow @MatWeb](#)

Please read our [License Agreement](#) regarding materials data and our [Privacy Policy](#). Questions or comments about MatWeb? Please contact us at webmaster@matweb.com. We appreciate your input.

The contents of this web site, the MatWeb logo, and "MatWeb" are Copyright 1996-2016 by MatWeb, LLC. MatWeb is intended for personal, non-commercial use. The contents, results, and technical data from this site may not be reproduced either electronically, photographically or substantively without permission from MatWeb, LLC.