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MARLEX® POLYPROPYLENE

HIGH PERFORMANCE HOMOPOLYMERS

Marlex® HGX-030SP

Polypropylene Homopolymer, Raffia Grade

Typical raffia, fiber/yarn applications include:

- Woven industrial fabric and bag
- Rope and cordage
- Woven carpet backing
- Woven geotextile fabrics
- Large parts
- Good resistance to gas fading

This resin meets these specifications:

- FDA 21 CFR 177.1520(c)1.1. May be used in contact with all types of foods at conditions of use A through H per 21 CFR 176.170(c).
- All constituents of this resin are listed in Commission Regulation (EU) No 10/2011. Meets the requirements of Commission Regulation (EU) No 10/2011, Regulation (EC) No. 1935/2004, and Commission Regulation (EC) No 2023/2006.

For a Material Safety Data Sheet (MSDS), visit our site at www.saudipolymers.com

Nominal Resin Properties(1,2)	Value (SI Units)	Method
Density	0.906 g/cm^3	ASTM D1505
Melt Flow Rate, Condition 230 °C/2.16 kg	3 g/10 min	ASTM D1238
Tensile Strength at Yield, 50.8 mm/min	37 MPa	ASTM D638
Flexural Modulus, Secant, 1.3 mm/min	1590 MPa	ASTM D790
Notched Izod Impact, @23°C	31 J/m	ASTM D256
Durometer Hardness, Type D (Shore D)	70	ASTM D2240
Heat Deflection Temperature, @ 0.46 MPa	101°C	ASTM D648

1. 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. Values are rounded.
2. Mechanical properties were determined using injection-moulded specimens 3.2 mm thick, moulded per ASTM D4101, unless otherwise noted.

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Saudi Polymers LLC

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Saudi Polymers Company does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as any international laws which may be encountered in the use thereof. Such questions should be investigated by the user.

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