

Marlex[®] HGX-030SP Polypropylene

HOMOPOLYMER

This polypropylene homopolymer is tailored for applications that require:

- Good resistance to gas fading

Typical raffia, fiber/yarn applications include:

- Woven industrial fabrics and bags
- Rope and cordage
- Woven carpet backing
- Woven geotextile fabrics

This resin meets these specifications:

- FDA 21 CFR 177.1520(c)1.1. May be used in contact with all types of foods per Table 1 of 21 CFR 176.170 (c) at conditions of use A through H per Table 2 of 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 Safety Data Sheet (SDS), 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 , 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	1,590 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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