

## Chevron Phillips Marlex® KN 226 LDPE Injection Molding Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

**Material Notes:**

Resin Type: Homopolymer; ASTM D 4976 Classification: PE 112, A 22200 Characteristics: Good Flexibility, Excellent Flow, Good Warping Resistance, Good Mold Release, Moderate ESCR Applications: Housewares, Personal Care Products, Luggage Handles Data provided by Chevron Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-Marlex-KN-226-LDPE-Injection-Molding-Resin.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-KN-226-LDPE-Injection-Molding-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 190 °C	25 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	54	54	ASTM D2240
Tensile Strength, Ultimate	11.0 MPa	1600 psi	ASTM D638
Tensile Strength, Yield	11.0 MPa	1600 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	0.186 GPa	27.0 ksi	3 pt. secant; ASTM D790
	0.269 GPa	39.0 ksi	3 pt. Tangent; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	95.0 °C	203 °F	ASTM D1525
Brittleness Temperature	-48.0 °C	-54.4 °F	ASTM D746

### Contact Songhan Plastic Technology Co.,Ltd.

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