

Chevron Phillips Marlex® HMN 55180 Polyethylene, Injection Molding Grade, HDPE (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Meets FDA Regulation 177.1520. Excellent impact strength and warpage resistance; high surface gloss.Data provided by the manufacturer

Order this product through the following link:

<http://www.lookpolymers.com/polymer-Chevron-Phillips-Marlex-HMN-55180-Polyethylene-Injection-Molding-Grade-HDPE-nbspdiscontinued-.php>

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D1505
Melt Flow	18 g/10 min	18 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	125 %	125 %	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.33 @Frequency 100000 Hz	2.33 @Frequency 100000 Hz	ASTM D1531
Dielectric Strength	20.0 kV/mm @Thickness 3.17 mm	508 kV/in @Thickness 0.125 in	ASTM D149
Dissipation Factor	>= 0.00010 @Frequency 100000 Hz	>= 0.00010 @Frequency 100000 Hz	ASTM D1531

Processing Properties	Metric	English	Comments
Processing Temperature	204 - 260 °C	399 - 500 °F	Stock Temperature

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China