

## Chevron Phillips Marlex® HHM TR-400G Medium density hexene copolymer (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Medium Density Polyethylene (MDPE), Molded

### Material Notes:

Benefits: good processability, excellent melt strength, broad fusion range, outstanding stress cracking resistance  
Applications: pond liners, gas and chemical tank containment liners, landfill liners  
Information provided by Chevron Phillips Chemical Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-Marlex-HHM-TR-400G-Medium-density-hexene-copolymer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-HHM-TR-400G-Medium-density-hexene-copolymer-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.937 g/cc	0.0339 lb/in <sup>3</sup>	ASTM D1505
Environmental Stress Crack Resistance	>= 1500 hour @Temperature 50.0 °C	>= 1500 hour @Temperature 122 °F	Condition B and Condition C; ASTM D 1693
High Load Melt Index	12 g/10 min @Load 21.6 kg, Temperature 190 °C	12 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D638 Type IV
Elongation at Break	>= 700 %	>= 700 %	ASTM D638 Type IV
Flexural Modulus	0.830 GPa	120 ksi	ASTM D790

Processing Properties	Metric	English	Comments
Processing Temperature	193 - 210 °C	379 - 410 °F	stock temperature

## Contact Songhan Plastic Technology Co.,Ltd.

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