

Chevron Phillips Marlex® HHM TR-418N/M358Y Natural medium density ethylene hexene copolymer/yellow concrete (

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

Material Notes:

Benefits: environmentally-friendly pigment system, yellow color for easy identification, outstanding pipe ring ESCR, UV stabilizer in natural resin, concentrate base resin
 Characteristics: Pipe Ring ESCR > 5000 h, ASTM F 1248; 8.6 MPa Hydrostatic Design Basis at 23°C and 6.9 MPa Hydrostatic Design Basis at 60°C
 Applications: pipe for gas distribution, oil field and other industrial pipe
 PENT > 1000 hours per ASTM F 1473.
 Information provided by Chevron Phillips Chemical Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-HHM-TR-418NM358Y-Natural-medium-density-ethylene-hexene-copolymeryellow-concrete-nsb.php

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in ³	ASTM D1505
Environmental Stress Crack Resistance	>= 5000 hour @Temperature 50.0 °C	>= 5000 hour @Temperature 122 °F	Conditions A, B and C; ASTM D 1693
Melt Flow	0.20 g/10 min @Load 2.16 kg, Temperature 190 °C	0.20 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
High Load Melt Index	20 g/10 min @Load 21.6 kg, Temperature 190 °C	20 g/10 min @Load 47.6 lb, Temperature 374 °F	High Load; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	33.0 MPa	4790 psi	ASTM D638 Type IV
Tensile Strength, Yield	19.0 MPa	2760 psi	ASTM D638 Type IV
Elongation at Break	>= 500 %	>= 500 %	ASTM D638 Type IV
Flexural Modulus	0.760 GPa	110 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -90.0 °C	<= -130 °F	ASTM D746

Processing Properties	Metric	English	Comments
Processing Temperature	193 - 216 °C	379 - 421 °F	adequate mixing to achieve good dispersion

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