

## Chevron Phillips Marlex® HHM TR-232 Polyethylene; Enhanced

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE

**Material Notes:**

Low density linear polyethylene. This low density, linear resin is tailored for blow molded containers that require: Excellent processability  
 Excellent ESCR  
 Applications: Typical blow molded applications for HHM TR-232 include: Squeezable bottles  
 Large flexible parts  
 Traffic barrels  
 Information provided by Phillips  
 This resin meets these specifications: ASTM D4976 - PE 215  
 FDA 21 CFR 177.1520(c) 3.1a, use conditions C through G per 21 CFR 176.170(c)

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-Marlex-HHM-TR-232-Polyethylene-Enhanced.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-HHM-TR-232-Polyethylene-Enhanced.php)

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in <sup>3</sup>	ASTM D-1505
ESCR 100% Igepal®	>= 1000 hour	>= 1000 hour	Condition A, F50; ASTM D-1693
	>= 1000 hour	>= 1000 hour	Condition B, F50; ASTM D-1693
Melt Flow	18 g/10 min	18 g/10 min	HLMI, 190/21.6; ASTM D-1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	13.0 MPa	1890 psi	2 in/min, Type IV bar; ASTM D-638
Elongation at Break	800 %	800 %	2 in/min, Type IV bar; ASTM D-638
Flexural Modulus	0.480 GPa	69.6 ksi	Tangent - 16:1 span:depth, 0.5 in/min; ASTM D-790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -75.0 °C	<= -103 °F	Type A, Type I specimen; ASTM D-746

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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