PREMIUM EXTRUSION AND RIGID PACKAGING RESINS

Marlex® HHM TR-232

LOW DENSITY LINEAR POLYETHYLENE

This low density, linear resin is tailored for blow molded containers that require:

- Excellent processability
- Excellent ESCR

Typical blow molded applications for HHM TR-232 include:

- Squeezable bottles
- Large flexible parts
- Traffic barrels

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)

NOMINAL PHYSICAL PROPERTIES(1)	English	SI	Method
Density	---	0.923 g/cm^3	ASTM D1505
Flow Rate (HLMI, 190/21.6)	---	18.0 g/10 min	ASTM D1238
Tensile Strength at Yield, 2 in/min, Type IV bar	1,900 psi	13 MPa	ASTM D638
Elongation at Break, 2 in/min, Type IV bar	800%	800%	ASTM D638
Flexural Modulus, Tangent - 16:1 span:depth, 0.5 in/min	70,000 psi	480 MPa	ASTM D790
ESCR, Condition A (100% Igepal), F_{50}	>1,000 h	>1,000 h	ASTM D1693
ESCR, Condition B (100% Igepal), F_{50}	>1,000 h	>1,000 h	ASTM D1693
Brittleness Temperature, Type A, Type I specimen	<-103°F	<-75°C	ASTM D746

1. The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded. The physical properties were determined on compression molded specimens that were prepared in accordance with Procedure C of ASTM D4703, Annex A1.

Another quality product from Chevron Phillips Chemical Company LP The Woodlands, Texas