

# Marlex® HHM TR-232

Linear Low Density Polyethylene

Chevron Phillips Chemical Company LLC

## Message:

Marlex® HHM TR-232 is a Linear Low Density Polyethylene material. It is available in Latin America or North America for blow molding or extrusion.

Important attributes of Marlex® HHM TR-232 are:

Good Processability

High ESCR (Stress Crack Resistant)

Typical applications include:

Bottles

Food Contact Applications

Packaging

General Information			
Features	Good Processability High ESCR (Stress Crack Resist.)		
Uses	Packaging Squeeze Bottles		
Agency Ratings	ASTM D 4976-PE215 FDA 21 CFR 177.1520(c) 3.1a 2		
Forms	Pellets		
Processing Method	Blow Molding Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	18	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			
100% Igepal, Compression Molded, F50	> 1000	hr	ASTM D1693A
100% Igepal, Compression Molded, F50	> 1000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Compression Molded)	13.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break, Compression Molded)	800	%	ASTM D638
Flexural Modulus - Tangent <sup>3</sup> (Compression Molded, 406 mm Span)	480	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746A
NOTE			

1.	Type IV, 51 mm/min
2.	Type IV, 51 mm/min
3.	13 mm/min

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#### Recommended distributors for this material

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