

# MarFlex® HHM TR-257

Linear Low Density Polyethylene  
Chevron Phillips Chemical Company LLC

Message:

MarFlex®HHM TR-257 is a linear low density polyethylene material. This product is available in North America or Latin America. The processing method is: blow molding film or co-extrusion molding.  
MarFlex®The main features of HHM TR-257 are:  
Good processability  
processing aids  
Typical application areas include:  
bag/lining  
packing

General Information	
Additive	Processing aid
Features	Shrinkable (MD)
	Workability, good
	Good stripping
	Good strength
	Good melt strength
Uses	Packaging
	Bags
Processing Method	Blow film
	Co-extrusion molding

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction	0.35		ASTM D1894
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	365	MPa	ASTM D882
1% secant, TD	503	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	72.4	MPa	ASTM D882
TD: Fracture	29.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	380	%	ASTM D882
TD: Fracture	800	%	ASTM D882

Dart Drop Impact (25 µm)	46	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm	12	g	ASTM D1922
TD : 25 µm	950	g	ASTM D1922
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	46		ASTM D2457
Haze	33	%	ASTM D1003
Additional Information			

Seated bubble, 2.5 BUR, 80 mil die gap, 8" die, 250 lb/hr, 400F melt temp.

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#### Recommended distributors for this material

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