MarFlex® HHM TR-258

Linear Low Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

MarFlex®HHM TR-258 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-258 are:
Good processability
Transparency
Typical application areas include:
bag/lining
Wrapping
packing
Movie

General Information	
Features	Shrinkable (MD) Low speed solidification crystal point Workability, good Good stripping Good strength Good melt strength Transparent appearance
Uses	Packaging Films Shrinkable film Heavy packing bag
Processing Method	Blow film Co-extrusion molding

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm³	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			ASTM D1894
Blow film [1]	0.35		ASTM D1894
Blow film [2]	0.35		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**
secant modulus			
1% secant, MD: 25 µm, blown film [3]	365	MPa	ASTM D882

1% secant, TD: 25 µm, blown film [4]	400	MPa	ASTM D882
1% secant, TD: 25 µm, blown film [5]	503	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, blown film [6]	60.7	MPa	ASTM D882
MD: Broken, 25 µm, blown film [7]	72.4	MPa	ASTM D882
TD: Broken, 25 µm, blown film [8]	45.5	MPa	ASTM D882
TD: Broken, 25 µm, blown film [9]	29.6	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, blown film [10]	460	%	ASTM D882
MD: Broken, 25 µm, blown film [11]	380	%	ASTM D882
TD: Broken, 25 µm, blown film [12]	650	%	ASTM D882
TD: Broken, 25 µm, blown film [13]	800	%	ASTM D882
Dart Drop Impact			ASTM D1709
25 µm, blown film [14]	140	g	ASTM D1709
25 µm, blown film [15]	46	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD: 25 µm, blown film [16]	30	g	ASTM D1922
MD: 25 µm, blown film [17]	12	g	ASTM D1922
TD: 25 µm, blown film [18]	400	g	ASTM D1922
TD: 25 µm, blown film [19]	950	g	ASTM D1922

Optical	Nominal Value	Unit	Test Method
Gloss			ASTM D2457
60, 25.4 µm, blown film [20]	40		ASTM D2457
60, 25.4 µm, blown film [21]	46		ASTM D2457
Haze			ASTM D1003
25.4 µm, blown film [22]	36	%	ASTM D1003
25.4 µm, blown film [23]	33	%	ASTM D1003

Additional Information
Seated buble film preparation 2.5 BUR, 80 mil die gap, 8'' die, 250 lb/hr, 400°F melt temp. High stalk film preparation 4:1 BUR, 40 mil die gap, 8" die, 250 lb/hr, 430°F melt temp.

NOTE	
1.	High Stalk
2.	Seated Bubble
3.	High Stalk
4.	High Stalk
5.	Seated Bubble
6.	High Stalk
7.	Seated Bubble
8.	High Stalk
9.	Seated Bubble
10.	High Stalk

11.	Seated Bubble
12.	High Stalk
13.	Seated Bubble
14.	High Stalk
15.	Seated Bubble
16.	High Stalk
17.	Seated Bubble
18.	High Stalk
19.	Seated Bubble
20.	High Stalk
21.	Seated Bubble
22.	High Stalk
23.	Seated Bubble

Recommended distributors for this material

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