

MarFlex® HHM TR-257

Low Density Linear Polyethylene

This LDLPE is tailored for applications that require:

- Good processability
- Good melt strength
- Good drawdown
- Good strength
- Satin finish
- Good MD & TD shrinkage

Typical blown film applications include:

- Pallet shrink
- Heavy duty bags
- Consumer & institutional shrink film
- General purpose packaging

Nominal Resin Properties	English	SI	Method
Density	---	0.923 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	0.2 g/10min	ASTM D1238
Process Aid	None	None	---
Antiblock	None	None	---
Slip	None	None	---

Nominal Film Properties at 1 mil ¹	English	SI	Method
Haze	33 %	33 %	ASTM D1003
Gloss, 60°	46	46	ASTM D2457
COF	0.35	0.35	ASTM D1894
Dart	---	46 g/mil	ASTM D1709
Elmendorf Tear MD/TD	---	12/945 g/mil	ASTM D1922
Tensile Strength at Break MD/TD	10500/4300 psi	72/30 MPa	ASTM D882
Tensile Strength Elongation at Break MD/TD	380/800 %	380/800 %	ASTM D882
1% Secant Modulus MD/TD	53000/73000 psi	365/500 MPa	ASTM D882

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

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Nominal Film Properties at 1 mil ¹	English	SI	Method
Haze	36 %	36 %	ASTM D1003
Gloss, 60°	40	40	ASTM D2457
COF	0.35	0.35	ASTM D1894
Dart	---	140 g/mil	ASTM D1709
Elmendorf Tear MD/TD	---	30/400 g/mil	D1709
Tensile Strength at Break MD/TD	8800/6600 psi	61/46 MPa	ASTM D882
Tensile Strength Elongation at Break MD/TD	460/650 %	460/650 %	ASTM D882
1% Secant Modulus MD/TD	53000/58000 psi	365/400 MPa	ASTM D882

1. High Stalk, 4:1 BUR, 40 mil die gap. 8" die, 250 lb/hr, 430F melt temp.

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