

For more information and technical assistance contact:

Chevron Phillips Chemical Company LP  
P.O. Box 4910  
The Woodlands, TX 77387-4910  
800.231.1212



SUPERIOR FLEXIBLE PACKAGING RESINS

## MarFlex<sup>®</sup> HHM TR-130

MEDIUM DENSITY POLYETHYLENE

**This MDPE is tailored for blown film applications that require:**

- Good stiffness
- Good toughness
- Blending with LLDPE and LDPE

**Typical blown film applications include:**

- Industrial liners
- Mailer bags

Nominal Resin Properties	English	SI	Method
Density	---	0.937 g/cm <sup>3</sup>	ASTM D1505
Melt Index, 190C/2.16Kg	---	0.3 g/10min	ASTM D1238

Nominal Blown Film Properties at 1 mil <sup>1</sup>	English	SI	Method
COF	0.25	0.25	ASTM D1894
Dart		50 g/mil	ASTM D1709
Elmendorf Tear MD	---	16 g/mil	ASTM D1922
Elmendorf Tear TD	---	1600 g/mil	ASTM D1922
Tensile Strength at Break MD	7900 psi	54 MPa	ASTM D882
Tensile Strength at Break TD	5600 psi	49 MPa	ASTM D882
Tensile Strength Elongation at Break MD	310 %	310 %	ASTM D882
Tensile Strength Elongation at Break TD	840 %	840 %	ASTM D882
1% Secant Modulus MD	88000 psi	607 MPa	ASTM D882
1% Secant Modulus TD	121000 psi	834 MPa	ASTM D882
WVTR	0.82 g/100in <sup>2</sup> /day	12.7 g/m <sup>2</sup> /day	ASTM F1249
OTR	390 cm <sup>3</sup> /100in <sup>2</sup> /day	6000 cm <sup>3</sup> /m <sup>2</sup> /day	ASTM D3985

1. Produced using a grooved feed extruder at a rate of 8 lb/in die with a 2.5 BUR using a dual lip air ring

Revision Date June, 2004

Another quality product from



The Woodlands, Texas

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