

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® 7105D

HEXENE LINEAR LOW DENSITY POLYETHYLENE

This LLDPE is tailored for blown film applications that require:

- High strength
- Good drawdown
- Good processability
- Use alone or in blends with LDPE or HDPE

Typical blown film applications include:

- Industrial liners
- Heavy duty bags
- Institutional packaging

Nominal Resin Properties	English	SI	Method
Density	---	0.918 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	0.5 g/10min	ASTM D1238
Process Aid	Yes	Yes	---
Antiblock	None	None	---
Slip	None	None	---

Nominal Blown Film Properties at 1 mil ¹	English	SI	Method
Haze	11 %	11 %	ASTM D1003
Gloss, 60°	90	90	ASTM D2457
COF	1.5	1.5	ASTM D1894
Dart	---	500 g/mil	ASTM D1709
Elmendorf Tear MD	---	420 g/mil	ASTM D1922
Elmendorf Tear TD	---	600 g/mil	ASTM D1922
Tensile Strength at Break MD	8500 psi	59 MPa	ASTM D882
Tensile Strength at Break TD	6200 psi	43 MPa	ASTM D882
Tensile Strength Elongation at Break MD	550 %	550 %	ASTM D882
Tensile Strength Elongation at Break TD	710 %	710 %	ASTM D882
1% Secant Modulus MD	29000 psi	200 MPa	ASTM D882
1% Secant Modulus TD	32000 psi	221 MPa	ASTM D882

1. Produced on 3.5 in. extruder 30:1 L/D 8 in Die 80 mil Die Gap 2.5:1 BUR 440 F Melt Temperature.

Revision Date June, 2004

Another quality product from



The Woodlands, Texas

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.