

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[®] 5563

LOW DENSITY POLYETHYLENE

This LDPE is tailored for blown film applications that require:

- Excellent optics
- Good impact strength
- Excellent processability
- Good heat seal characteristics
- Low coefficient of friction

Typical blown film applications include:

- Laminations
- Bakery film
- Case shrink wrap
- Produce and hardware packaging
- Baby bottle liners

Nominal Resin Properties	English	SI	Method
Density	---	0.925 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	1.3 g/10min	ASTM D1238
Melting Point	232 °F	111 °C	ASTM D3418
Vicat Softening Temperature	211 °F	99 °C	ASTM D1525
Process Aid	---	None	---
Antiblock	3500	3500	---
Slip	850	850	---

Nominal Blown Film Properties at 1.25 mil ¹	English	SI	Method
Haze	5.5 %	5.5 %	ASTM D1003
Gloss, 60°	116	116	ASTM D2457
COF	0.15	0.15	ASTM D1894
Dart	---	90 g/mil	ASTM D1709
Elmendorf Tear MD	---	230 g/mil	ASTM D1922
Elmendorf Tear TD	---	230 g/mil	ASTM D1922
WVTR	1.02 g/100in ² /day	16 g/m ² /day	ASTM F1249
OTR	320 cm ³ /100in ² /day	4800 cm ³ /m ² /day	ASTM D3985

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

Revision Date March, 2010

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.