

For more information and technical assistance contact:

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



## MarFlex® 5355

HOMOPOLYMER LOW DENSITY POLYETHYLENE

This LDPE is tailored for blown film applications that require:

- Suited for high speed converting
- Good impact strength
- Excellent processability
- Good sealability
- Good openability

Typical blown film applications include:

- Institutional packaging
- Food packaging

Nominal Resin Properties	English	SI	Method
Density	---	0.927 g/cm <sup>3</sup>	ASTM D1505
Melt Index, 190C/2.16Kg	---	2 g/10min	ASTM D1238
Melting Point	234 °F	112 °C	ASTM D3418
Vicat Softening Temperature	215 °F	102 °C	ASTM D1525
Antiblock	2750	2750	---
Slip	750	750	---

Nominal Blown Film Proprties at 1.25 mil <sup>1</sup>	English	SI	Method
Haze	5 %	5 %	ASTM D1003
Gloss, 60°	124	124	ASTM D2457
COF	0.12	0.12	ASTM D1894
Dart	---	90 g/mil	ASTM D1709
Elmendorf Tear MD	---	285 g/mil	ASTM D1922
Elmendorf Tear TD	---	225 g/mil	ASTM D1922
WVTR	1.03 g/100in <sup>2</sup> /day	16 g/m <sup>2</sup> /day	ASTM F1249
OTR	320 cm <sup>3</sup> /100in <sup>2</sup> /day	4900 cm <sup>3</sup> /m <sup>2</sup> /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

MSDS #240370

Revision Date June, 2004

Another quality product from



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