

For more information and technical assistance contact:

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SUPERIOR FLEXIBLE PACKAGING RESINS

MarFlex[®] 5561

LOW DENSITY POLYETHYLENE

This LDPE is tailored for blown film applications that require:

- Excellent optics
- Good impact strength
- Excellent processability
- Good heat seal characteristics
- High 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	233 °F	111 °C	ASTM D3418
Vicat Softening Temperature	212 °F	100 °C	ASTM D1525
Process Aid	---	None	---
Antiblock	3000	3000	---
Slip	None	None	---

Nominal Blown Film Properties at 1.25 mil ¹	English	SI	Method
Haze	5 %	5 %	ASTM D1003
Gloss, 60°	129	129	ASTM D2457
COF	0.57	0.57	ASTM D1894
Dart	---	95 g/mil	ASTM D1709
Elmendorf Tear MD	---	200 g/mil	ASTM D1922
Elmendorf Tear TD	---	240 g/mil	ASTM D1922
WVTR	1.14 g/100in ² /day	17 g/m ² /day	ASTM F1249
OTR	370 cm ³ /100in ² /day	5500 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



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