

# Marlex® 1122 Polyethylene

## LOW DENSITY POLYETHYLENE (LDPE)

**This low density polyethylene is tailored for film applications that require:**

- Easy processing
- No additives
- Good contact clarity

**Typical blown film applications include:**

- Liners
- Trash bags
- Masking films

Nominal Resin Properties	English	SI	Method
Melt Index, 190 °C/2.16 kg	---	2.1 g/10 min	ASTM D1238
Density	---	0.920 g/cm <sup>3</sup>	ASTM D1505
Slip	None	None	---
Antiblock	None	None	---
Vicat Softening Temperature	204 °F	96 °C	ASTM D1525
Melting Point	225 °F	107 °C	ASTM D3418

Nominal Blown Film Properties at 1.25 mil <sup>1</sup>	English	SI	Method
Haze	8.5 %	8.5 %	ASTM D1003
Gloss, 60°	85	85	ASTM D2457
COF	> 1.00	> 1.00	ASTM D1894
Dart	---	90 g/mil	ASTM D1709
Elmendorf Tear MD	---	175 g/mil	ASTM D1922
Elmendorf Tear TD	---	120 g/mil	ASTM D1922
WVTR	0.99 g/100in <sup>2</sup> /day	15 g/m <sup>2</sup> /day	ASTM F1249
OTR	350 cm <sup>3</sup> /100in <sup>2</sup> /day	5200 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 2.5:1 BUR using a dual lip air ring

Revision Date: June, 2016

Another quality product from

**Chevron Phillips**  
Chemical Company LP  
The Woodlands, Texas

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