

For more information and technical assistance contact:

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



SUPERIOR FLEXIBLE PACKAGING RESINS

Marlex® 1018 Polyethylene

LOW DENSITY POLYETHYLENE (LDPE)

This low density polyethylene is tailored for extrusion coating applications that require:

- Excellent processability
- Low neck-in
- High temperature extrusion stability

Typical extrusion coating applications may include:

- Laminations
- Sealant resin
- General paper and board coating
- General flexible packaging

Nominal Resin Properties	English	SI	Method
Melt Index, 190 °C/2.16 kg	---	8 g/10 min	ASTM D1238
Density	---	0.917 g/cm ³	ASTM D1505
Melting Point	218 °F	104 °C	ASTM D3418

Nominal Extrusion Coating Properties at 1 mil (14.4 lb/ream) ¹	English	SI	Method
WVTR	1.35 g/100in ² /day	21 g/m ² /day	ASTM F1249
OTR	510 cm ³ /100in ² /day	8000 cm ³ /m ² /day	ASTM D3985

1. Testing performed on coated slip sheet at 14.4 lb/ream or 1.0 mil.

