

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® 1017 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 | --- | 7 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 | 1.38 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.

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