

Marlex® 1013 Polyethylene

LOW DENSITY POLYETHYLENE (LDPE)

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

- Excellent processability
- High line speed at low coating weights
- High temperature extrusion stability
- Good drawdown characteristics
- Low neck-in

Typical extrusion coating applications may include:

- Food packaging
- Laminations
- General paper and board coating
- General flexible packaging

Nominal Resin Properties	English	SI	Method
Melt Index, 190 °C/2.16 kg	---	13 g/10 min	ASTM D1238
Density	---	0.917 g/cm ³	ASTM D1505
Vicat Softening Temperature	189 °F	87 °C	ASTM D1525
Melting Point	216 °F	102 °C	ASTM D3418

Nominal Extrusion Coating Properties at 1 mil (14.4 lb/ream) ¹	English	SI	Method
WVTR	1.52 g/100in ² /day	24 g/m ² /day	ASTM F1249
OTR	490 cm ³ /100in ² /day	7600 cm ³ /m ² /day	ASTM D3985

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

