

Marlex[®] 1019 Polyethylene

LOW DENSITY POLYETHYLENE (LDPE)

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

- Excellent processability
- Very high line speed at low coating weights
- Processability at lower extrusion temperature
- High temperature extrusion stability
- Excellent drawdown characteristics
- Low neck-in

Typical extrusion coating applications may include:

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

Nominal Resin Properties	English	SI	Method
Melt Index, 190 °C/2.16 kg	---	16 g/10 min	ASTM D1238
Density	---	0.917 g/cm ³	ASTM D1505
Vicat Softening Temperature	189 °F	87 °C	ASTM D1525
Melting Point	217 °F	103 °C	ASTM D3418

Nominal Extrusion Coating Properties at 1 mil (14.4 lb/ream) ¹	English	SI	Method
WVTR 1	1.63 g/100in ² /day	25 g/m ² /day	ASTM F1249
OTR	430 cm ³ /100in ² /day	7200 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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