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Marlex® Polyethylene

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.

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