

# MarFlex® 1019

EXTRUSION COATING GRADE LOW DENSITY POLYETHYLENE

**This LDPE is tailored for 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
Density	---	0.917 g/cm <sup>3</sup>	ASTM D1505
Melt Index, 190C/2.16Kg	---	16 g/10min	ASTM D1238
Melting Point	217 °F	103 °C	ASTM D3418
Vicat Softening Temperature	189 °F	87 °C	ASTM D1525

Nominal Extrusion Coating Properties at 1 mil (14.4 lbs/ream) <sup>1</sup>	English	SI	Method
WVTR 1	1.63 g/100in <sup>2</sup> /day	25 g/m <sup>2</sup> /day	ASTM F1249
OTR	430 cm <sup>3</sup> /100in <sup>2</sup> /day	7200 cm <sup>3</sup> /m <sup>2</sup> /day	ASTM D3985

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

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