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SUPERIOR FLEXIBLE PACKAGING RESINS

# Marlex<sup>®</sup> 4517 Polyethylene

## LOW DENSITY POLYETHYLENE (LDPE)

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

- Excellent processability
- Good WVTR
- Good heat seal

### Typical extrusion coating applications may include:

- Liquid packaging
- Cup stock
- Folding carton
- General paper and board coating

Nominal Resin Properties	English	SI	Method
Melt Index, 190 °C/2.16 kg	---	5.1 g/10min	ASTM D1238
Density	---	0.923 g/cm <sup>3</sup>	ASTM D1505
Vicat Softening Temperature	213 °F	100 °C	ASTM D1525
Melting Point	227 °F	108 °C	ASTM D3418

Nominal Extrusion Coating Properties at 1 mil (14.4 lb/ream) <sup>1</sup>	English	SI	Method
WVTR	1.19 g/100in <sup>2</sup> /day	18 g/m <sup>2</sup> /day	ASTM F1249
OTR	470 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 lb/ream or 1.0 mil

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Another quality product from



The Woodlands, Texas

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