

For more information and technical assistance contact:

Chevron Phillips Chemical Company LP  
P.O. Box 4910  
The Woodlands, TX 77387-4910  
800.231.1212



SUPERIOR FLEXIBLE PACKAGING RESINS

## MarFlex® 4517

EXTRUSION COATING GRADE LOW DENSITY POLYETHYLENE

**This LDPE is tailored for 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     |
|-----------------------------|---------|-------------------------|------------|
| Density                     | ---     | 0.923 g/cm <sup>3</sup> | ASTM D1505 |
| Melt Index, 190C/2.16Kg     | ---     | 5.1 g/10min             | ASTM D1238 |
| Melting Point               | 227 °F  | 108 °C                  | ASTM D3418 |
| Vicat Softening Temperature | 213 °F  | 100 °C                  | ASTM D1525 |

| Nominal Extrusion Coating Properties at 1 mil (14.4 lbs/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 lbs/ream or 1.0 mil

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Another quality product from



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