

Chevron Phillips Marlex® 4517

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

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in ³	ASTM D1505
Water Vapor Transmission	18.0 g/m ² /day	1.16 g/100 in ² /day	ASTM F1249
Oxygen Transmission Rate	7200 cc/m ² /day	464 cc/100 in ² /day	ASTM D3985
Melt Flow	5.1 g/10 min @Load 2.16 kg, Temperature 190 °C	5.1 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Thermal Properties	Metric	English	Comments
Melting Point	108 °C	226 °F	ASTM D3418
Vicat Softening Point	100 °C	212 °F	ASTM D1525