



# TRADEMARK POLYETHYLENE

## HLP9947

Technical Data Sheet

## HDPE Pipe Extrusion

### Applications

- Pressure Pipe
- Municipal Pipe
- Mining Pipe
- PPI Designations PE4710

### Properties

- Phillips Process®
- Excellent Resistance to Slump
- Good Resistance to Slow Crack Growth
- Good Long-Term Hoop Strength

Properties	Value	Method
High Load Melt Index (gm/10 min)	9.0	ASTM D1238
Density (gm/cc)	0.947	ASTM D1505
Tensile at Yield (psi)	> 3500	ASTM D638
Elongation at Break (%)	> 700	ASTM D638
Flexural Modulus (psi)	120500	ASTM D790
PENT Slow Crack Growth (hours)	> 500	ASTM F1473
Hydrostatic Design Basis, 23°C (psi)	1600	ASTM D2837
Hydrostatic Design Basis, 60°C (psi)	1000	ASTM D2837

### Additional Certifications

This material may comply with additional regulations not included on this technical data sheet. Please contact your Trademark representative for details.

