



TRADEMARK POLYETHYLENE

HDP0449

Technical Data Sheet

HDPE Pipe Extrusion

Applications

- Telecomm Conduit
- Corrugated Pipe
- Heavy Duty Sheet
- Profile Extrusion

Properties

- Bimodal
- Excellent Stiffness
- Excellent Processability
- Excellent Toughness

<i>Properties</i>	<i>Value</i>	<i>Method</i>
Melt Index (gm/10 min)	0.4	ASTM D1238
Density (gm/cc)	0.949	ASTM D1505
Tensile at Yield (psi)	3450	ASTM D638
Elongation at Break (%)	> 600	ASTM D638
Flexural Modulus (psi)	160500	ASTM D790
ESCR, Condition B, F ₅₀ (hours)	> 1000	ASTM 1693
Heat Deflection Temp@66psi (°C)	76	ASTM D648
Hardness, Shore D	63	ASTM D2240

Additional Certifications

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

