

PE300(HDPE) TYPICAL PROPERTIES

	Units	ASTM Test	PE300
Tensile strength	psi	D-638	4,000
Flexural modulus	psi	D-790	200,000
Lzod impact (notched)	ft-lbs/in of notch	D-256	1.3
Head deflection temperature @264 psi	°F	D-648	172
Maximum continuous service Temperature in air	°F		
Water absorption (immersion 24 hour)	%	D-570	0.10
Coefficient of linear Thermal expansion	in/in/°F×10 ⁵	D-696	
Coefficient of friction (dynamic)			7.0