

PE1000(UHMW-PE) TYOICAL PROPERTIES

	Units	ASTM Test	UHMW-PE
Tensile strength	psi	D-638	3,100
Flexural modulus	psi	D-790	110,000
Lzod impact (notched)	ft-lbs/in of notch	D-256	18.0
Head deflection temperature @264 psi	°F	D-648	
Maximum continuous service Temperature in air	°F		180
Water absorption (immersion 24 hour)	%	D-570	Slight
Coefficient of linear Thermal expansion	in/in/°Fx10 ⁵	D-696	11.1
Coefficient of friction (dynamic)			