

POM TYPICAL PROPERTIES

	Units	ASTM Test	POM
Tensile strength	psi	D-638	100,000
Flexural modulus	psi	D-790	420,000
Lzod impact (notched)	ft-lbs/in of notch	D-256	1.5
Head deflection temperature @264 psi	°F	D-648	257
Maximum continuous service Temperature in air	°F		185
Water absorption (immersion 24 hours)	%	D-570	0.25
Coefficient of linear Thermal expansion	in/in/°F×10 ⁵	D-696	6.8
Coefficient of friction (dynamic)			0.20