

CAST NYLON TYPICAL PROPERTIES

	Units	ASTM Test	CAST NYLON
Tensile strength	psi	D-638	10,000-13,500
Flexural modulus	psi	D-790	420,000-500,000
Izod impact (notched)	ft-lbs/in of notch	D-256	0.7-0.9
Heat deflection temperature @264 psi	°F	D-648	200-400
Maximum continuous service Temperature in air	°F		230
Water absorption (immersion 24 hour)	%	D-570	0.60-1.20
Coefficient of linear Thermal expansion	in/in/°F x 10 ⁵	D-696	5.0
Coefficient of friction (dynamic)			0.22