

Property Data

PROPERTIES	UNIT	T814
COMPRESSIVE STRENGTH	MPa	310
	PSI	44950
NORMAL WORKING STRENGTH	MPa	75
	PSI	10875
COMPRESSIVE YIELD	%	2.5
TENSILE STRENGTH	MPa	80
	PSI	11600
SHEAR STRENGTH	MPa	85
	PSI	12323
IMPACT STRENGTH	KJ/m	55
DENSITY	g/cm ³	1.32
BRINELL HARDNESS	HB	25
WATER SWELL	20°C	0.2
	80°C	1
FRICTION	μ	0.04
		-0.08
THERMAL EXPANSION	x10 ⁻⁶ /°C normal	70
	parallel	30
NORMAL MAXIMUM	°C	100
TEMPERATURE	°F	212
INTERMITTENT MAXIMUM	°C	120
TEMPERATURE	°F	250