

MATERIAL DATA SHEET

02-015

02-015 is an aluminum-nickel bronze used for high-stress components where higher strength is required than that afforded by a typical leaded bronze.

Properties	Value	
Tensile Strength	100,000 psi	690 MPa
Yield Strength	50,000 psi	345 MPa
Tensile Modulus	17.5×10^6 psi	120,000 MPa
Density	0.278 lb/in ³	7.70 g/cm ³
CTE	9.0×10^{-6} /°F	16×10^{-6} /°C
Hardness	187 – 241BHN	