

Material: ASME SB-150 C61400

Specification for Aluminum Bronze Rod, Bar and Shapes

Group: Non-Ferrous Copper Alloy

Sub Group: ASME SB-150 Aluminum Bronze Rod, Bar and Shape

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Rod, Bar and Shape

Chemical Composition		
Aluminium	Al %	6.000 - 8.000
Iron	Fe %	1.500 - 3.500
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.015 max.
Lead	Pb %	0.010 max.
Zinc	Zn %	0.200 max.
Cu + Ag	Cu% + Ag%	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Stress Relieving

Mechanical Properties	
Tensile Strength in Mpa	485 - 550
Yield Strength in Mpa	205 - 275
Elongation in %	30 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C61400	UNS	USA	Rod, Bar, Tube and Shapes
B100 C61400	ASTM	USA	Plate and Sheet
B111 C61400	ASTM	USA	Tubes
B169 C61400	ASTM	USA	Sheet, Strip and Bar
B171 C61400	ASTM	USA	Plate and Sheet
B315 C61400	ASTM	USA	Pipe and Tube
CA614	SAE	USA	Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 **Email:** info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India