

Material - ASTM B150 C62400

Standard Specification for Aluminum Bronze Rod, Bar and Shapes

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B150 Aluminum Bronze Rod, Bar and Shapes

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

Grade Belongs to the Industry - Rod, Bar and Shape

Chemical Composition			Heat Treatment	
Aluminium	Al %	10.000 - 11.500	As Drawn or Stress Relieving or Hot Rolled or Hardening and Tempering	
Iron	Fe %	2.000 - 4.500		
Manganese	Mn %	0.300 max.		
Silicon	Si %	0.250 max.		
Tin	Sn %	0.200 max.		
Cu + Ag	Cu% + Ag%	82.200 - 89.500		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	620 - 655
			Yield Strength in Mpa	240 - 310
			Elongation in %	10 - 12
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C62400	UNS	USA	Rod, Bar, Tube and Shapes
SB-150 C62400	ASME	USA	Rod, Bar and Shape
CA624	SAE	USA	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.