

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 -
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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
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