

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		
Aluminium	Al %	10.000 - 11.500
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
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Heat Treatment
As Drawn or Stress Relieving or Hot Rolled or Hardening and Tempering

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
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