

Material: ASTM B150 UNS C64210

Standard Specification for Aluminum Bronze Road, Bar and Shapes

Group: Non-Ferrous Aluminum Alloy

Sub Group: ASTM B150 Aluminum Bronze Road, 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		
Arsenic	As %	0.150 max.
Lead	Pb %	0.050 max.
Zinc	Zn %	0.500 max.
Tin	Sn %	0.200 max.
Silicon	Si %	1.500 - 2.000
Manganese	Mn %	0.100 max.
Ni + Cu	Ni% + Cu%	0.250 max.
Iron	Fe %	0.300 max.
Aluminium	Al %	6.300 - 7.000
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As Drawn or Stress Relieving or Hot Rolled	

Mechanical Properties	
Tensile Strength in Mpa	485 min.
Yield Strength in Mpa	170 min.
Elongation in %	15 min.
Reduction of Area in %	-
Hardness in BHN	65 - 95
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C64210	ASTM	USA	Rod, Bar and Shape
B150 C64210	ASTM	USA	Rod, Bar and Shape
B283 C64210	ASTM	USA	Forging
SB-150 C64210	ASME	USA	Rod, Bar and Shape
SB-283 C64210	ASME	USA	Forging
C64210	UNS	USA	Casting
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