Material - ASTM B150 UNS C64210

Standard Specification for Alumium Bronze Road, Bar and Shapes

Group - Non-Ferrous Alumium Alloy
Sub Group - ASTM B150 Alumium 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			Heat Treatment
Arsenic	As %	0.150 max.	
Lead	Pb %	0.050 max.	
Zinc	Zn %	0.500 max.	
Tin	Sn %	0.200 max.	As Drawn or Stress Relieving or Hot Rolled
Silicon	Si %	1.500 - 2.000	
Manganese	Mn %	0.100 max.	
Ni + Cu	Ni% + Cu%	0.250 max.	
Iron	Fe %	0.300 max.	

Chemical Composition			Mechanical Properties	
Aluminium	Al %	6.300 - 7.000		
Copper	Cu %	Balance	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
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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