



Material - ASTM B150 UNS C62300

Standard Specification for Aluminium Bronze Rod, Bar and Shapes

Group - Non-Ferrous Aluminium Alloy

Sub Group - ASTM B150 Aluminium 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	
Tin	Sn %	0.600 max.	As Drawn or Stress Relieving or Hot Rolled	
Silicon	Si %	0.250 max.		
Manganese	Mn %	0.500 max.		
Ni + Cu	Ni% + Cu%	1.000 max.		
Iron	Fe %	2.000 - 4.000		
Aluminium	Al %	8.500 - 10.000		
Copper	Cu %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	515 min.
-	-	-	Yield Strength in Mpa	205 min.
-	-	-	Elongation in %	20 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C62300	ASTM	USA	Rod, Bar and Shapes
B150 C62300	ASTM	USA	Rod, Bar and Shapes
SB-150 C62300	ASME	USA	Rod, Bar and Shapes
SB-283 C62300	ASME	USA	Forging
4635	SAE	USA	Bars, Rods and Forgings
CA623	SAE	USA	Casting
87Cu-9Al-3Fe	SAE	USA	Bars, Rods and Forgings

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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