Material - SAE AMS 4635H 87Cu-9Al-3Fe

Standard Specification for Aluminum Bronze Bars, Rods and Forgings

Group - Non-Ferrous Copper Alloy

Sub Group - SAE AMS 4635H Aluminum Bronze Bars, Rods and Forgings

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Bars, Rods and Forgings

Chemical Composition		
Aluminium	Al %	8.500 - 10.000
Iron	Fe %	2.000 - 4.000
Manganese	Mn %	0.500 max.
Ni + Co	Ni% + Co%	1.000 max.
Silicon	Si %	0.250 max.
Tin	Sn %	0.600 max.
Cu + Ag	Cu% + Ag%	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Drawn or Stress Relieving or Hot Rolled

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	155 - 190
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
C62300	UNS	USA	Rod, Bar, Tube and Shapes
B124 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

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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