



Material - ASME SB-150 C62400

Standard Specification for Aluminum Bronze Rod, Bar and Shapes

Group - Non-Ferrous Copper Alloy

Sub Group - ASME SB-150 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			Heat Treatment	
Aluminium	Al %	10.000 - 11.500	As Drawn or Stress Relieving or Hot Rolled or Hardening and Tempering	
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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-	-	-	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 -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C62400	UNS	USA	Rod, Bar, Tube and Shapes
B150 C62400	ASTM	USA	Rod, Bar and Shape
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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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