



Material - JIS H 3250 C 6191 BD

Standard Specification for Copper and Copper Alloy Rods and Bars

Group - Non-Ferrous Copper Alloy

Sub Group - JIS H 3250 Copper and Copper Alloy Rods and Bars

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

Grade Belongs to the Industry - Rod and Bar

Chemical Composition			Heat Treatment	
Aluminium	Al %	8.500 - 11.000	Normalizing or Annealing or Tempering	
Iron	Fe %	3.000 - 5.000		
Manganese	Mn %	0.500 - 2.000		
Nickel	Ni %	0.500 - 2.000		
Copper	Cu %	81.000 - 88.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	685 min.
			Yield Strength in Mpa	-
			Elongation in %	15 min.
			Reduction of Area in %	-
			Hardness in HB	170 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B124 C61900	UNS	USA	Rod, Bar and Shapes
B150 C61900	ASTM	USA	Rod, Bar and Shape
B283 C61900	ASTM	USA	Forging
SB-150 C61900	ASME	USA	Forging
SB-283 C61900	ASME	USA	Forging
C61900	UNS	USA	Rod, Bar and Shapes
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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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