

Material: ASTM B133 C11000

Standard Specification for Copper and Copper Alloy Forging Rod, Bar and Shapes

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B133 Copper and Copper Alloy Forging 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	
Cu + Ag	Cu% + Ag%	99.900 min.	Normalizing or Annealing or Tempering	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	154.500 - 698.200
-	-	-	Yield Strength in Mpa	55 - 367
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRB	30 - 97
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C11000	UNS	USA	Rod, Bar, Tube and Shapes
B152 C11000	ASTM	USA	Sheet, Strip, Plate and Rolled Bar
B187 C11000	ASTM	USA	Rod, Bar and Shapes
B188 C11000	ASTM	USA	Pipe and Tube
SB-152 C11000	ASME	USA	Sheet, Strip, Plate and Rolled Bar
SB-187 C11000	ASME	USA	Rod, Bar and Shapes
SB-283 C11000	ASME	USA	Forging

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