



Material - ASME SB-283 C11000

Standard Specification for Copper and Copper-Alloy Die Forgings

Group - Non-Ferrous Copper Alloy

Sub Group - ASME SB-283 Copper and Copper-Alloy Die Forgings

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

Grade Belongs to the Industry - Forging

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
B133 C11000	ASTM	USA	Rod, Bar and Shape
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

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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