

Material: ASTM B224 C14500

Standard Specification for Copper and Copper-Alloy

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B224 Copper and Copper-Alloy

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Tellurium	Te %	0.400 - 0.700	Normalizing or Annealing or Tempering	
Phosphorus	P %	0.004 - 0.012		
Copper	Cu %	99.90 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	154.500 - 698.200
-	-	-	Yield Strength in Mpa	55 - 367
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C14500	UNS	USA	Rod, Bar, Tube and Shapes
B283 C14500	ASTM	USA	Forging
B301 C14500	ASTM	USA	Rod, Bar, Wire and Shapes
SB-283 C14500	ASME	USA	Forging
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-	-	-	-
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