

Material: UNS C77400

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

Group: Non-Ferrous Copper Alloy

Sub Group: UNS 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	
Ni + Co	Ni% + Co%	9.000 - 11.000	Normalizing or Annealing or Tempering	
Lead	Pb %	0.090 max.		
Copper	Cu %	43.000 - 47.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	570 min.
			Yield Strength in Mpa	250 min.
			Elongation in %	25 min.
			Reduction of Area in %	-
			Hardness in HRB	73 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B124 C77400	ASTM	USA	Rod, Bar and Shapes
B283 C77400	ASTM	USA	Forging
SB-283 C77400	ASME	USA	Forging
-	-	-	-
-	-	-	-
-	-	-	-
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