

Material: UNI 9222 P-CuNi18Zn20

Standard Specification for Wrought copper Alloys, Copper-Nickel- Zinc and Copper-Nickel-Zinc-Lead Alloys

Group: Non-Ferrous Copper Alloy

Sub Group: UNI 9222 Wrought copper Alloys, Copper-Nickel- Zinc and Copper-Nickel-Zinc-Lead Alloys

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

Grade Belongs to the Industry: Rod and Bar

Chemical Composition			Heat Treatment	
Iron	Fe %	0.300 max.	Normalizing or Annealing or Tempering	
Manganese	Mn %	0.500 max.		
Nickel	Ni %	17.000 - 19.000		
Other	Ot%	0.300 max.		
Lead	Pb %	0.030 max.		
Copper	Cu %	60.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	415 min.
			Yield Strength in Mpa	-
			Elongation in %	8 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuNi18Zn20	IS	India	Rod and Bar
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-	-	-	-
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