



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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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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