Material: UNI 9222 P-CuNi12Zn24

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		
Iron	Fe %	0.300 max.
Manganese	Mn %	0.500 max.
Nickel	Ni %	11.000 - 13.000
Other	Ot%	0.300 max.
Lead	Pb %	0.050 max.
Copper	Cu %	62.000 - 65.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

Mechanical Properties	
Tensile Strength in Mpa	485 min.
Yield Strength in Mpa	-
Elongation in %	-
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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