GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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		
Iron	Fe %	0.300 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com