



## Material - IS 2451 CuNi10Zn27

Standard Specification for Copper Alloys - Nickel Silver - Ingots and Casting

Group - Non-Ferrous Copper Alloy

Sub Group - IS 2451 Copper Alloys - Nickel Silver - Ingots and Casting

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Iron	Fe %	0.500 max.	As-Cast	
Manganese	Mn %	0.500 max.		
Lead	Pb %	0.040 max.		
Nickel	Ni %	9.000 - 11.000		
Copper	Cu %	60.000 - 65.000		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b>	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	-
			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
CuNi15Zn22	IS	India	Ingot and Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +91846916029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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