



Material - IS 2451 CuNi20Zn22

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 %	18.000 - 22.000		
Copper	Cu %	55.000 - 60.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +91846916029, or email marketing@gravitycastindia.com

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