



Material - IS 8362 95/5 Copper - Nickel - Iron

Standard Specification for Copper and Copper Alloy Rolled Plates for Condensers and Heat Exchangers

Group - Non-Ferrous Copper Alloy

Sub Group - IS 8362 Copper and Copper Alloy Rolled Plates for Condensers and Heat Exchangers

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

Grade Belongs to the Industry - Plate

Chemical Composition			Heat Treatment	
Zinc	Zn %	1.000 max.	As Raw	
Nickel	Ni %	4.800 - 6.200		
Iron	Fe %	1.300 - 1.700		
Manganese	Mn %	0.300 - 0.800		
Lead	Pb %	0.050 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	91.200 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 230 min. Yield Strength in Mpa - Elongation in % 27 min. 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 +918469160029, or email marketing@gravitycastindia.com

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