



Material - IS 8362 Tough Pitch Arsenical Copper

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	
Iron	Fe %	0.020 max.		
Arsenic	As %	0.200 - 0.500		
Lead	Pb %	0.020 max.		
Antimony	Sb %	0.010 max.	As Raw or Annealing	
Bismuth	Bi %	0.005 max.		
Oxygen	0%	0.100 max.		
Copper	Cu %	99.200 min.		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	220 min.
	-	-	Yield Strength in Mpa	-
	-	-	Elongation in %	30 min.
	-	-	Reduction of Area in %	-
-	-	-	Hardne <mark>ss in BHN</mark>	-
-	-	-	Impa <mark>ct in Joule</mark>	-

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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