

Material: IS 8362 Phosphorised Deoxidised 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	
Tin	Sn %	0.010 max.	As Raw or Annealing	
Phosphorus	P %	0.020 - 0.100		
Iron	Fe %	0.030 max.		
Arsenic	As %	0.200 - 0.500		
Lead	Pb %	0.010 max.		
Antimony	Sb %	0.010 max.		
Bismuth	Bi %	0.003 max.		
Other	Ot%	0.070 max.		
Copper	Cu %	99.200 min.		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	210 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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