



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
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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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS