

# 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		
Iron	Fe %	0.020 max.
Arsenic	As %	0.200 - 0.500
Lead	Pb %	0.020 max.
Antimony	Sb %	0.010 max.
Bismuth	Bi %	0.005 max.
Oxygen	O %	0.100 max.
Copper	Cu %	99.200 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	As Raw or Annealing

Mechanical Properties	
Tensile Strength in Mpa	220 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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)



+91-99090 45075



[info@icastllp.com](mailto:info@icastllp.com)



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India