

## 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.	As Raw or Annealing	
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.		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 220 min. Yield Strength in Mpa - Elongation in % 30 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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