

Material: BS 2875 C 106

Standard Specification for Copper and Copper Alloy Plate

Group: Non-Ferrous Copper Alloy

Sub Group: BS 2875 Copper and Copper Alloy Plate

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Plate

Chemical Composition			Heat Treatment	
Arsenic	As %	0.050 max.	Normalizing or Annealing or Tempering	
Bismuth	Bi %	0.003 max.		
Iron	Fe %	0.030 max.		
Nickel	Ni %	0.100 max.		
Other	Ot%	0.060 max.		
Phosphorus	P %	0.012 - 0.050		
Lead	Pb %	0.010 max.		
Antimony	Sb %	0.005 max.		
Se + Te	Se% + Te%	0.010 - 0.020		
Tin	Sn %	0.010 max.	Mechanical Properties	
Cu + Ag	Cu% + Ag%	99.850 min.	Tensile Strength in Mpa	200 - 310
-	-	-	Yield Strength in Mpa	62 - 108
-	-	-	Elongation in %	10 - 40
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	55 - 105
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
9805 Grade 2	IS	India	Casting
-	-	-	-
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Customer Care: +91-99090 45075 Email: info@icastllp.com