

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		
Arsenic	As %	0.050 max.
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.
Cu + Ag	Cu% + Ag%	99.850 min.
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Tempering

Mechanical Properties	
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



+91-99090 45075



info@icastllp.com



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