



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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.		
Cu + Ag	Cu% + Ag%	99.850 min.	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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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