



## Material - BS 2870 CZ 106

### Standard Specification for Rolled Copper and Copper Alloys: Sheet, Strip and Foil

Group - Non-Ferrous Copper Alloy

Sub Group - BS 2870 Rolled Copper and Copper Alloys: Sheet, Strip and Foil

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

Grade Belongs to the Industry - Sheet, Strip and Foil

Chemical Composition			Heat Treatment	
Iron	Fe %	0.100 max.	Normalizing or Annealing or Tempering	
Other	Ot%	0.500 max.		
Lead	Pb %	0.300 max.		
Copper	Cu %	61.500 - 64.500		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-	<b>Mechanical Properties</b>	
-	-	-	Tensile Strength in Mpa	275 - 775
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	5 - 40
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	70 - 220
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn30	IS	India	Plate
CuZn37	IS	India	Strip and Foil
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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