

## Material: BS 2874 CZ 112

### Standard Specification for Copper and Copper Alloy Rods and Sections

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** BS 2874 Copper and Copper Alloy Rods and Sections

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

**Belongs to the Industry:** Rod and Section

Chemical Composition			Heat Treatment	
Tin	Sn %	1.000 - 1.400	Normalizing or Annealing or Tempering	
Other	Ot%	0.700 max.		
Copper	Cu %	61.000 - 63.500		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	310 - 400
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	15 - 25
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn36Sn1	IS	India	Plate
CuZn37 (A)	IS	India	Plates
464B	AS	Australia	Forging
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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