

## Material: BS 2875 CZ 118

### Standard Specification for Copper and Copper Alloys for Plate

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** BS 2875 Copper and Copper Alloys for Plate

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

**Belongs to the Industry:** Plate

Chemical Composition			Heat Treatment	
Other	Ot%	0.300 max.	Half Hardening or Hardening or Extra Hardening	
Lead	Pb %	0.750 - 1.500		
Copper	Cu %	63.000 - 66.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	370 - 510
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	3 - 10
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	110 - 190
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn39 Pb1	IS	India	Strip
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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