

# Material: IS 2378 G Cu Sn Pb 7 Zn 5 Pb2

## Standard Specification for Code for Designation of Copper and Copper Alloys

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 2378 Code for Designation of Copper and Copper Alloys

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

**Belongs to the Industry:** Casting, Rod and Bar

Chemical Composition		
Tin	Sn %	6.000 - 8.000
Zinc	Zn %	4.000 - 6.000
Lead	Pb %	1.000 - 3.000
Antimony	Sb %	0.300 max.
Iron	Fe %	0.350 max.
Other	Ot%	0.500 max.
Cu + Ni	Cu%+Ni%	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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