



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ISO 1338 CuSn11P

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - ISO 1338 Copper and Copper Alloys - Ingots and Castings

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.010 max.	As-Cast	
Iron	Fe %	0.100 max.		
Nickel	Ni %	0.200 max.		
Phosphorus	P %	0.250 - 1.500		
Lead	Pb %	0.500 max.		
Silicon	Si %	0.020 max.		
Tin	Sn %	10.200 - 12.000		
Zinc	Zn %	0.500 max.		
Copper	Cu %	86.000 - 89.500	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	220 - 320
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	2 - 6
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
PB2	BS	British	Casting
907C	AS	Australia	Ingot and Casting
C90810	AS	Australia	Ingot and 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