



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - UNE EN 1982 CuSn11Pb2-C

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - UNE EN 1982 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 %	0.200 max.		
Manganese	Mn %	0.200 max.		
Nickel	Ni %	2.000 max.		
Phosphorus	P %	0.400 max.		
Lead	Pb %	0.700 - 2.500		
Sulphur	S %	0.080 max.		
Antimony	Sb %	0.200 max.		
Silicon	Si %	0.010 max.		
Tin	Sn %	10.500 - 12.500		
Zinc	Zn %	2.000 max.	Mechanical Properties Tensile Strength in Mpa 240 - 280 Yield Strength in Mpa 130 - 150 Elongation in % 5 min. Reduction of Area in % - Hardness in HB 80 - 90 Impact in Joule -	
Cu + Ni	Cu%+Ni%	83.500 - 87.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB482K	BS	British	Ingot and Casting
CC482K	UNI	Italy	Ingot and Casting
CC482K	AFNOR NF	France	Ingot and Casting
CC482K	BDS	Bulgaria	Ingot and Casting
CuSn11Pb2-C	ONORM	Australia	Ingot and Casting
CuSn11Pb2-C	DIN	Germany	Ingot and Casting
CuSn11Pb2-C	MSZ	Hungary	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.

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