



Material - MSZ EN 1982 CuSn11Pb2-C

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - MSZ 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	
Cu + Ni	Cu%+Ni%	83.500 - 87.000	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	-

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	UNE	Spain	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

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