



## Material - AFNOR NF EN 1982 CC482K

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - AFNOR NF 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.	<b>Mechanical Properties</b> 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	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
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](mailto:marketing@gravitycastindia.com)**

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