Material: UNI EN 1982 CC482K

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: *Non-Ferrous Copper Alloy*
Sub Group: *UNI 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		
Aluminium	Al %	0.010 max.
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.
Cu + Ni	Cu%+Ni%	83.500 - 87.000
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

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	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CB482K	BS	British	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
CuSn11Pb2-C	UNE	Spain	Ingot and Casting

Customer Care: +91-99090 45075 Email: info@icastllp.com