

Material: BS EN 1982 CuSn11Pb2-B (CB482K)

Standard Specification for Copper and Copper Alloys - Ingot and Casting

Group: Non-Ferrous Copper Alloy

Sub Group: BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

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

Belongs to the Industry: Ingot and Casting

Chemical Composition		
Nickel	Ni %	2.000 max.
Phosphorus	P %	0.400 max.
Aluminium	Al %	0.010 max.
Iron	Fe %	0.200 max.
Manganese	Mn %	0.200 max.
Sulphur	S %	0.080 max.
Antimony	Sb %	0.200 max.
Silicon	Si %	0.010 max.
Zinc	Zn %	0.200 max.
Lead	Pb %	0.700 - 2.500
Tin	Sn %	10.500 - 12.500
Copper	Cu %	83.500 - 87.000
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	240 min.
Yield Strength in Mpa	130 min.
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in HBW	80 min.
Impact in Joule	-

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

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