



Material - BS EN 1982 CuSn11Pb2-C (CC482K)

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			Heat Treatment	
Nickel	Ni %	2.000 max.	As-Cast	
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	Mechanical Properties	
Copper	Cu %	83.500 - 87.000	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
CB482K	AFNOR NF	France	Ingot and Casting
CB482K	ONORM	Australia	Ingot and Casting
CB482K	BDS	Bulgaria	Ingot and Casting
CB482K	UNI	Italy	Ingot and Casting
CuSn11Pb2-B	DIN	Germany	Ingot and Casting
CuSn11Pb2-B	UNE	Spain	Ingot and Casting
CuSn11Pb2-B	MSZ	Hungary	Ingot and Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +91846916029, or email marketing@gravitycastindia.com

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