

Material: UNI EN 1982 CC483K

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			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 %	0.600 max.		
Lead	Pb %	0.700 max.		
Sulphur	S %	0.050 max.		
Antimony	Sb %	0.150 max.		
Silicon	Si %	0.010 max.		
Tin	Sn %	11.000 - 13.000	Mechanical Properties	
Zinc	Zn %	0.500 max.	Tensile Strength in Mpa	260 - 300
Cu + Ni	Cu%+Ni%	85.000 - 88.500	Yield Strength in Mpa	140 - 150
-	-	-	Elongation in %	5 - 7
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	80 - 90
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB483K	BS	British	Ingot and Casting
CC483K	AFNOR NF	France	Ingot and Casting
CC483K	ONORM	Australia	Ingot and Casting
CC483K	BDS	Bulgaria	Ingot and Casting
CuSn12-C	DIN	Germany	Ingot and Casting
CuSn12-C	UNE	Spain	Ingot and Casting
CuSn12-C	MSZ	Hungary	Ingot and Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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