

Material: UNI EN 1982 CB484K

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 %	0.150 max.
Manganese	Mn %	0.100 max.
Nickel	Ni %	1.500 - 2.400
Phosphorus	P %	0.050 max.
Lead	Pb %	0.200 max.
Sulphur	S %	0.040 max.
Antimony	Sb %	0.050 max.
Silicon	Si %	0.010 max.
Tin	Sn %	11.300 - 13.000
Zinc	Zn %	0.300 max.
Cu + Ni	Cu%+Ni%	84.000 - 87.000
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	280 - 300
Yield Strength in Mpa	160 - 180
Elongation in %	8 - 12
Reduction of Area in %	-
Hardness in HB	85 - 95
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC484K	BS	British	Ingot and Casting
CB484K	ONORM	Australia	Ingot and Casting
CuSn12Ni2-B	ONORM	Australia	Ingot and Casting
CuSn12Ni2-B	UNI	Italy	Ingot and Casting
CB484K	DIN	Germany	Ingot and Casting
CuSn12Ni2-B	DIN	Germany	Ingot and Casting
CuSn12Ni2-B	UNE	Spain	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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India