

Material: ONORM EN 1982 CuSn5Zn5Pb2-C

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ONORM 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	
Arsenic	As %	0.020 max.		
Bismuth	Bi %	0.020 max.		
Cadmium	Cd %	0.020 max.		
Chromium	Cr %	0.020 max.		
Iron	Fe %	0.300 max.		
Nickel	Ni %	0.100 - 0.600		
Phosphorus	P %	0.040 max.		
Lead	Pb %	0.200 - 3.000		
Sulphur	S %	0.040 max.		
Antimony	Sb %	0.100 max.	Mechanical Properties	
Silicon	Si %	0.010 max.	Tensile Strength in Mpa	200 - 250
Tin	Sn %	4.000 - 6.000	Yield Strength in Mpa	90 - 110
Zinc	Zn %	4.000 - 6.000	Elongation in %	6 - 13
Copper	Cu %	84.000 - 88.000	Reduction of Area in %	-
			Hardness in HB	60 - 65
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB499K	BS	British	Ingot and Casting
CC499K	ONORM	Australia	Ingot and Casting
CC499K	BDS	Bulgaria	Ingot and Casting
CuSn5Zn5Pb2-C	BDS	Bulgaria	Ingot and Casting
CC499K	CSN	Czech Republic	Ingot and Casting
CuSn5Zn5Pb2-C	CSN	Czech Republic	Ingot and Casting
CC499K	SFS	Finland	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