

Material: BS EN 1982 CuSn7Zn4Pb7-B (CB493K)

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	
Aluminium	Al %	0.010 max.	As-Cast	
Iron	Fe %	0.200 max.		
Sulphur	S %	0.100 max.		
Antimony	Sb %	0.300 max.		
Silicon	Si %	0.010 max.		
Nickel	Ni %	2.000 max.		
Phosphorus	P %	0.100 max.		
Lead	Pb %	5.000 - 8.000	Mechanical Properties	
Zinc	Zn %	2.000 - 5.000		
Tin	Sn %	6.000 - 8.000		
Cu + Ni	Cu%+Ni%	81.000 - 85.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	230 min.
			Yield Strength in Mpa	120 min.
			Elongation in %	15 min.
			Reduction of Area in %	-
			Hardness in HBW	60 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC493K	BDS	Bulgaria	Ingot and Casting
CuSn7Zn4Pb7-C	BDS	Bulgaria	Ingot and Casting
CC493K	UNI	Italy	Ingot and Casting
CuSn7Zn4Pb7-C	UNI	Italy	Ingot and Casting
CC493K	CSN	Czech Republic	Ingot and Casting
CuSn7Zn4Pb7-C	SFS	Finland	Ingot and Casting
CuSn7Zn4Pb7-C	AFNOR NF	France	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