

Material: CSN CuSn7Zn4Pb7-C

Standard Specification for Copper and Copper Alloy Castings

Group: Non Ferrous Copper Alloys

Sub Group: CSN CuSn7Zn4Pb7-C Copper and Copper Alloy Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Silicon	Si %	0.010 max.	As Cast	
Lead	Pb %	5.000 - 8.000		
Iron	Fe %	0.200 max.		
Tin	Sn %	6.000 - 8.000		
Zinc	Zn %	2.000 - 5.000		
Nickel	Ni %	2.000 max.		
Aluminium	Al %	0.010 max.		
Sulphur	S %	0.100 max.		
Antimony	Sb %	0.300 max.		
Nickel	Ni %	2.000 max.		
Cu + Ni	Cu% + Ni%	81.000 - 85.000	Mechanical Properties Tensile Strength in Mpa 230 min. Yield Strength in Mpa 120 min. Elongation in % 12 min. Reduction of Area in % - Hardness in BHN 60 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuSn7Zn4Pb7-C	DIN	Germany	Casting
CuSn7Zn4Pb7-C	ONORM	Australia	Casting
CC493K	ONORM	Australia	Casting
CuSn7Zn4Pb7-C	BDS	Bulgaria	Casting
CC493K	BDS	Bulgaria	Casting
CuSn7Zn4Pb7-C	SFS	Finland	Casting
CuSn7Zn4Pb7-C	MSZ	Hungary	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