

Material: DIN EN 1982 CuSn7Zn4Pb7-C

Standard Specification for Copper Tin Lead Alloy Castings

Group: Non Ferrous Copper Alloys

Sub Group: DIN EN 1982 CuSn7Zn4Pb7-C Copper Tin Lead 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.		
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 HBW 60 min. Impact in Joule -	
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-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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	CSN	Czech Republic	Casting
CuSn7Zn4Pb7-C	MSZ	Hungary	Casting

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