

Material: BS EN 1982 CuSn5Zn5Pb5-B (CB491K)

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 %	0.030 max.		
Sulphur	S %	0.100 max.		
Antimony	Sb %	0.250 max.		
Silicon	Si %	0.010 max.		
Nickel	Ni %	2.000 max.		
Phosphorus	P %	0.100 max.		
Lead	Pb %	4.000 - 6.000	Mechanical Properties Tensile Strength in Mpa 200 min. Yield Strength in Mpa 90 min. Elongation in % 13 min. Reduction of Area in % - Hardness in HBW 60 min. Impact in Joule -	
Zinc	Zn %	4.000 - 6.000		
Tin	Sn %	4.000 - 6.000		
Cu + Ni	Cu%+Ni%	83.000 - 87.000		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC491K	DIN	Germany	Ingot and Casting
CuSn5Zn5Pb5-C	DIN	Germany	Ingot and Casting
CC491K	MSZ	Hungary	Ingot and Casting
CuSn5Zn5Pb5-C	MSZ	Hungary	Ingot and Casting
CC491K	AFNOR NF	France	Ingot and Casting
CuSn5Zn5Pb5-C	AFNOR NF	France	Ingot and Casting
CC491K	UNE	Spain	Ingot and Casting

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