



Material - BS EN 1982 CuSn7Zn4Pb7-C (CC493K)

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		
Zinc	Zn %	2.000 - 5.000		
Tin	Sn %	6.000 - 8.000		
Cu + Ni	Cu%+Ni%	81.000 - 85.000	Mechanical Properties 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
CB493K	ONORM	Australia	Ingot and Casting
CuSn7Zn4Pb7-B	UNE	Spain	Ingot and Casting
CB493K	CSN	Czech Republic	Ingot and Casting
CuSn7Zn4Pb7-B	SFS	Finland	Ingot and Casting
CB493K	AFNOR NF	France	Ingot and Casting
CuSn7Zn4Pb7-B	DIN	Germany	Ingot and Casting
CB493K	UNI	Italy	Ingot and Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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