

Material: BS EN 1982 CuSn6Zn4Pb2-C (CC498K)

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 %	0.250 max.		
Sulphur	S %	0.100 max.		
Antimony	Sb %	0.250 max.		
Silicon	Si %	0.010 max.		
Nickel	Ni %	1.000 max.		
Phosphorus	P %	0.050 max.		
Lead	Pb %	1.000 - 2.000	Mechanical Properties	
Zinc	Zn %	3.000 - 5.000	Tensile Strength in Mpa	220 min.
Tin	Sn %	5.500 - 6.500	Yield Strength in Mpa	110 min.
Cu + Ni	Cu%+Ni%	86.000 - 90.000	Elongation in %	15 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	65 min.
-	-	-	Impact in Joule	-
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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