

Material: AFNOR NF EN 1982 CB492K

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: AFNOR NF EN 1982 Copper and Copper Alloys - Ingots and Castings

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.		
Nickel	Ni %	2.000 max.		
Phosphorus	P %	0.030 max.		
Lead	Pb %	2.700 - 3.500		
Sulphur	S %	0.080 max.		
Antimony	Sb %	0.250 max.		
Silicon	Si %	0.010 max.		
Tin	Sn %	6.200 - 8.000		
Zinc	Zn %	1.700 - 3.200		
Cu + Ni	Cu%+Ni%	85.000 - 88.500	Mechanical Properties Tensile Strength in Mpa 230 - 270 Yield Strength in Mpa 130 min. Elongation in % 12 - 14 Reduction of Area in % - Hardness in HB 65 - 70 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB492K	BS	British	Tube
CB492K	UNE	Spain	Ingot and Casting
CuSn7Zn2Pb3-B	UNE	Spain	Ingot and Casting
CB492K	ONORM	Australia	Ingot and Casting
CuSn7Zn2Pb3-B	ONORM	Australia	Ingot and Casting
CB492K	MSZ	Hungary	Ingot and Casting
CuSn7Zn2Pb3-B	MSZ	Hungary	Ingot and Casting

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