

Material: AFNOR NF EN 1982 CB480K

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 %	0.150 max.		
Manganese	Mn %	0.100 max.		
Nickel	Ni %	1.800 max.		
Phosphorus	P %	0.050 max.		
Lead	Pb %	0.800 max.		
Sulphur	S %	0.040 max.		
Antimony	Sb %	0.150 max.		
Silicon	Si %	0.010 max.		
Tin	Sn %	9.300 - 11.000		
Zinc	Zn %	0.500 max.	Mechanical Properties Tensile Strength in Mpa 250 - 326 Yield Strength in Mpa 130 - 170 Elongation in % 10 - 45.6 Reduction of Area in % - Hardness in HB 70 - 80 Impact in Joule 48.4 - 49.9 @ RT	
Cu + Ni	Cu%+Ni%	88.500 - 90.500		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC480K	BS	British	Ingot and Casting
CB480K	DIN	Germany	Ingot and Casting
CB480K	BDS	Bulgaria	Ingot and Casting
CuSn10-B	ONORM	Australia	Ingot and Casting
CuSn10-B	UNI	Italy	Ingot and Casting
CuSn10-B	MSZ	Hungary	Ingot and Casting
CuSn10-B	UNE	Spain	Ingot and Casting

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