Material: UNI EN 1982 CB493K

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: *Non-Ferrous Copper Alloy*
Sub Group: *UNI 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		
Aluminium	Al %	0.010 max.
Iron	Fe %	0.200 max.
Nickel	Ni %	2.000 max.
Phosphorus	P %	0.030 max.
Lead	Pb %	5.200 - 8.000
Sulphur	S %	0.080 max.
Antimony	Sb %	0.300 max.
Silicon	Si %	0.010 max.
Tin	Sn %	6.200 - 8.000
Zinc	Zn %	2.300 - 5.000
Cu + Ni	Cu%+Ni%	81.000 - 84.500
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	260 min.
Yield Strength in Mpa	120 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in HB	70 min.
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CC493K	BS	British	Tube
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

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