Material: MSZ EN 1982 CuZn39Pb1Al-C

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: *Non-Ferrous Copper Alloy*
Sub Group: *MSZ 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 %	0.800 max.
Iron	Fe %	0.700 max.
Manganese	Mn %	0.500 max.
Nickel	Ni %	1.000 max.
Phosphorus	P %	0.020 max.
Lead	Pb %	0.500 - 2.500
Silicon	Si %	0.050 max.
Tin	Sn %	1.000 max.
Cu + Ni	Cu%+Ni%	58.000 - 63.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	220 - 350
Yield Strength in Mpa	80 - 250
Elongation in %	3 - 15
Reduction of Area in %	-
Hardness in HB	65 - 110
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CB754S	BS	British	Ingot and Casting
CC754S	AFNOR NF	France	Ingot and Casting
CC754S	ONORM	Australia	Ingot and Casting
CC754S	UNI	Italy	Ingot and Casting
CC754S	BS	British	Ingot and Casting
CuZn39Pb1Al-C	UNE	Spain	Ingot and Casting
CuZn39Pb1Al-C	CSN	Czech Republic	Ingot and Casting

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