

Material: BS EN 1982 CuZn39Pb1Al-C (CC754S)

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 %	0.800 max.	As-Cast	
Nickel	Ni %	1.000 max.		
Lead	Pb %	0.500 - 2.500		
Tin	Sn %	1.000 max.		
Iron	Fe %	0.700 max.		
Manganese	Mn %	0.500 max.		
Phosphorus	P %	0.020 max.		
Silicon	Si %	0.050 max.		
Cu + Ni	Cu%+Ni%	58.000 - 63.000		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	220 min.
-	-	-	Yield Strength in Mpa	80 min.
-	-	-	Elongation in %	15 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	65 min.
-	-	-	Impact in Joule	-

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

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Customer Care: +91-99090 45075 Email: info@icastllp.com