



Material - BS EN 1982 CuZn33Pb2SI-C (CC751S)

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	
Iron	Fe %	0.250 - 0.500	As-Cast	
Nickel	Ni %	0.800 max.		
Lead	Pb %	0.800 -2.200		
Silicon	Si %	1.100 max.		
Aluminium	Al %	0.100 max.		
Manganese	Mn %	0.150 max.		
Antimony	Sb %	0.050 max.		
Tin	Sn %	0.800 max.		
Cu + Ni	Cu%+Ni%	63.500 - 66.000		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	400 min.
-	-	-	Yield Strength in Mpa	280 min.
-	-	-	Elongation in %	5 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	110 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB751S	EN	European Union	Ingot and Casting
CB751S	DIN	Germany	Ingot and Casting
CB751S	UNI	Italy	Ingot and Casting
CB751S	BS	British	Ingot and Casting
CB751S	ONORM	Australia	Ingot and Casting
CB751S	AFNOR NF	France	Ingot and Casting
CB751S	CSN	Czech Republic	Ingot and Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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