

Material: BDS EN 1982 CC760S

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: BDS 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.
Arsenic	As %	0.050 - 0.150
Iron	Fe %	0.150 max.
Manganese	Mn %	0.100 max.
Nickel	Ni %	0.100 max.
Lead	Pb %	0.500 max.
Silicon	Si %	0.020 max.
Tin	Sn %	0.300 max.
Copper	Cu %	83.000 - 88.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	160 min.
Yield Strength in Mpa	70 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HB	45 min.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB760S	BS	British	Ingot and Casting
CC760S	ONORM	Australia	Ingot and Casting
CC760S	CSN	Czech Republic	Ingot and Casting
CC760S	EN	European Union	Ingot and Casting
CuSn15As-C	UNI	Italy	Ingot and Casting
CuSn15As-C	AFNOR NF	France	Ingot and Casting
CuSn15As-C	MSZ	Hungary	Ingot and Casting

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India