



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN 1982 CuZn33Pb2-B (CB750S) 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	
Nickel	Ni %	1.000 max.	As-Cast	
Lead	Pb %	1.000 - 3.000		
Tin	Sn %	1.500 max.		
Aluminium	Al %	0.100 max.		
Iron	Fe %	0.800 max.		
Manganese	Mn %	0.200 max.		
Phosphorus	P %	0.050 max.		
Silicon	Si %	0.050 max.		
Cu + Ni	Cu%+Ni%	63.000 - 67.000		
Zinc	Zn %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	180 min.
-	-	-	Yield Strength in Mpa	70 min.
-	-	-	Elongation in %	12 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	45 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC750S	EN	European Union	Ingot and Casting
CC750S	DIN	Germany	Ingot and Casting
CC750S	UNI	Italy	Ingot and Casting
CC750S	BS	British	Ingot and Casting
CACIn202	KS	Korea	Ingot and Casting
CuZn33Pb2-C	PN	Poland	Ingot and Casting
CuZn33Pb2-C	AFNOR NF	France	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

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