



Material - BS EN 1982 CuZn38Al1-B (CB767S)

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	
Tin	Sn %	0.100 max.	As-Cast	
Silicon	Si %	0.200 max.		
Lead	Pb %	0.100 max.		
Manganese	Mn %	0.500 max.		
Iron	Fe %	0.500 max.		
Nickel	Ni %	1.000 max.		
Aluminium	Al %	0.100 - 0.800		
Copper	Cu %	59.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	380 min.
-	-	-	Yield Strength in Mpa	130 min.
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	75 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC767S	ONORM	Australia	Ingot and Casting
CC767S	BDS	Bulgaria	Ingot and Casting
CC767S	CSN	Czech Republic	Ingot and Casting
CC767S	DIN	Germany	Ingot and Casting
CuZn38Al1-C	AFNOR NF	France	Ingot and Casting
CuZn38Al1-C	EN	European Union	Ingot and Casting
CuZn38Al1-C	MSZ	Hungary	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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