



Material - MSZ EN 1982 CuZn38Al1-C

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - MSZ 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			Heat Treatment	
Aluminium	Al %	0.100 - 0.800	As-Cast	
Iron	Fe %	0.500 max.		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	1.000 max.		
Lead	Pb %	0.100 max.		
Silicon	Si %	0.200 max.		
Tin	Sn %	0.100 max.		
Cu + Ni	Cu%+Ni%	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 HB	75 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB767S	BS	British	Ingot and Casting
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

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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