



Material - BS EN 1982 CuZn32Al2Mn2Fe1-C (CC763S)

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	
Antimony	Sb %	0.080 max.	As-Cast	
Tin	Sn %	1.000 max.		
Silicon	Si %	1.000 max.		
Lead	Pb %	1.500 max.		
Nickel	Ni %	2.500 max.		
Manganese	Mn %	1.000 - 3.500		
Iron	Fe %	0.500 - 2.000		
Aluminium	Al %	1.000 - 2.500		
Copper	Cu %	59.000 - 67.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 430 min. Yield Strength in Mpa 150 min. Elongation in % 10 min. Reduction of Area in % - Hardness in HBW 100 min. Impact in Joule -	
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-	-	-		
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-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CB763S	CSN	Czech Republic	Ingot and Casting
CB763S	BDS	Bulgaria	Ingot and Casting
CB763S	AFNOR NF	France	Ingot and Casting
CuZn32Al2Mn2Fe1-B	DIN	Germany	Ingot and Casting
CuZn32Al2Mn2Fe1-B	ONORM	Australia	Ingot and Casting
CuZn32Al2Mn2Fe1-B	MSZ	Hungary	Ingot and Casting
CuZn32Al2Mn2Fe1-B	UNI	Italy	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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