

Material: BS EN 1982 CuZn32Al2Mn2Fe1-B (CB763S)

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	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC763S	ONORM	Australia	Ingot and Casting
CC763S	BDS	Bulgaria	Ingot and Casting
CC763S	UNI	Italy	Ingot and Casting
CC763S	DIN	Germany	Ingot and Casting
CuZn32Al2Mn2Fe1-C	AFNOR NF	France	Ingot and Casting
CuZn32Al2Mn2Fe1-C	UNE	Spain	Ingot and Casting
CuZn32Al2Mn2Fe1-C	MSZ	Hungary	Ingot and Casting

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