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		
Antimony	Sb %	0.080 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

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**
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

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