



Material - BS EN 1982 CuZn25Al5Mn4Fe3-B (CB762S)

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	
Phosphorus	P %	0.030 max.	As-Cast	
Lead	Pb %	0.200 max.		
Antimony	Sb %	0.030 max.		
Silicon	Si %	0.100 max.		
Tin	Sn %	0.200 max.		
Nickel	Ni %	3.000 max.		
Manganese	Mn %	2.500 - 5.000		
Iron	Fe %	1.500 - 4.000		
Aluminium	Al %	3.000 - 7.000		
Copper	Cu %	60.000 - 67.000		
Zinc	Zn %	Balance	Mechanical Properties Tensile Strength in Mpa 750 min. Yield Strength in Mpa 450 min. Elongation in % 8 min. Reduction of Area in % - Hardness in HBW 180 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC762S	ONORM	Australia	Ingot and Casting
CC762S	BDS	Bulgaria	Ingot and Casting
CC762S	UNI	Italy	Ingot and Casting
CC762S	DIN	Germany	Ingot and Casting
CuZn25Al5Mn4Fe3-C	UNE	Spain	Ingot and Casting
CuZn25Al5Mn4Fe3-C	MSZ	Hungary	Ingot and Casting
CuZn25Al5Mn4Fe3-C	AFNOR NF	France	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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