



## Material - BS EN 1982 CuZn25Al5Mn4Fe3-C (CC762S)

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	<th colspan="2">Mechanical Properties</th>		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
CB762S	MSZ	Hungary	Ingot and Casting
CB762S	AFNOR NF	France	Ingot and Casting
CB762S	ONORM	Australia	Ingot and Casting
CB762S	DIN	Germany	Ingot and Casting
CuZn25Al5MnFe3-C	DIN	Germany	Ingot and Casting
CuZn25Al5Mn4Fe3-B	DIN	Germany	Ingot and Casting
CuZn25Al5Mn4Fe3-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](mailto:marketing@gravitycastindia.com)**

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