

Material: ISO 4382 CuZn26Al4Fe3Mn3

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ISO 4382 Cast Copper Alloys - Ingots and Castings

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Ingot and Casting

Chemical Composition		
Aluminium	Al %	2.500 - 5.000
Iron	Fe %	1.500 - 4.000
Manganese	Mn %	1.500 - 4.000
Nickel	Ni %	3.000 max.
Lead	Pb %	0.200 max.
Silicon	Si %	0.100 max.
Tin	Sn %	0.200 max.
Copper	Cu %	Balance
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	600 min.
Yield Strength in Mpa	300 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
HTB3	BS	British	Ingot and Casting
869D	AS	Australia	Ingot and Casting
C86300	AS	Australia	Ingot and Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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