GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com