GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BSI BS1400 DCB3 CuZn40Pb

Standard Specification for Copper Alloy and High Conductivity Conductivity Copper Casting

Group - Non-Ferrous Copper Alloy
Sub Group - BSI BS1400 Copper Alloy and High Conductivity Conductivity Copper Casting
Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries
Grade Belongs to the Industry - Casting

Chemical Composition		
Tin	Sn %	1.000 max.
Lead	Pb %	0.500 - 2.500
Nickel	Ni %	1.000 max.
Iron	Fe %	0.800 max.
Aluminium	Al %	0.200 - 0.800
Manganese	Mn %	0.500 max.
Silicon	Si %	0.050 max.
Other	Ot%	0.500 max.
Copper	Cu %	58.000 - 63.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
857B	AS	Australia	Ingot and Casting
C85710	AS	Australia	Ingot and Casting
CuZn40Pb	ISO	International	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