GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BSI BS1400 SCB1 CuZn5Pb3Sn2

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 - 3.000
Nickel	Ni %	1.000 max.
Lead	Pb %	2.000 - 5.000
Iron	Fe %	0.750 max.
Aluminium	Al %	0.010 max.
Other	Ot%	1.000 max.
Copper	Cu %	70.000 - 80.000
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**
852C	AS	Australia	Ingot and Casting
C85210	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