



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - AS 2738 C85400

Standard Specification for Copper and Copper Alloys - Compositions and Designations of Refinery Products, Wrought Products, Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - AS 2738 Copper and Copper Alloys - Compositions and Designations of Refinery Products, Wrought Products, Ingots and Castings

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Aluminium	Al %	0.350 max.	As-Cast	
Iron	Fe %	0.700 max.		
Nickel	Ni %	1.000 max.		
Lead	Pb %	1.500 - 3.800		
Silicon	Si %	0.050 max.		
Tin	Sn %	0.500 - 1.500		
Zinc	Zn %	24.000 - 32.000		
Copper	Cu %	65.000 - 70.000		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	190 min.
-	-	-	Yield Strength in Mpa	70 min.
-	-	-	Elongation in %	11 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	45 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SCB3	BS	British	Casting
854C	AS	Australia	Ingot and Casting
CuZn33Pb2	ISO	International	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS