Material - AS 2738 C95710

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 %	7.000 - 8.500	As-Cast	
Iron	Fe %	2.000 - 4.000		
Manganese	Mn %	11.000 - 14.000		
Nickel	Ni %	1.500 - 3.000		
Phosphorus	P %	0.050 max.		
Lead	Pb %	0.050 max.		
Silicon	Si %	0.150 max.		
Tin	Sn %	1.000 max.		
Zinc	Zn %	0.500 max.	Mechanical Properties	
Copper	Cu %	71.000 min.	Tensile Strength in Mpa	680 min.
-	-	-	Yield Strength in Mpa	280 min.
-	-	-	Elongation in %	18 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	160 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CMA1	BS	British	Ingot and Casting
957B	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

ONE STOP SOLUTION FOR METAL PARTS