



Material - AS/NZS 1565 957B

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - AS/NZS 1565 Copper and 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			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.		
Copper	Cu %	71.000 min.		
-	-	-	Mechanical Properties 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 -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CMA1	BS	British	Ingot and Casting
C95710	AS	Australia	Ingot and Casting
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-	-	-	-
-	-	-	-
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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