

Material: AS/NZS 1565 854C

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 %	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
C85400	AS	Australia	Ingot and Casting
CuZn33Pb2	ISO	International	Casting
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-	-	-	-
-	-	-	-
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