

Material: AS/NZS 1565 907C

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		
Aluminium	Al %	0.005 max.
Iron	Fe %	0.150 max.
Nickel	Ni %	0.500 max.
Phosphorus	P %	0.150 - 0.800
Lead	Pb %	0.250 max.
Sulphur	S %	0.050 max.
Antimony	Sb %	0.200 max.
Silicon	Si %	0.005 max.
Tin	Sn %	11.200 - 13.000
Zinc	Zn %	0.300 max.
Copper	Cu %	99.400 min.
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	220 - 310
Yield Strength in Mpa	130 - 170
Elongation in %	3 - 5
Reduction of Area in %	-
Hardness in HB	75 - 100
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
PB2	BS	British	Casting
C90810	AS	Australia	Ingot and Casting
CuSn11P	ISO	International	Ingot and Casting
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-	-	-	-
-	-	-	-
-	-	-	-

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