

Material: AS/NZS 1565 952C

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 %	8.500 - 9.500
Iron	Fe %	2.500 - 4.000
Magnesium	Mg %	0.050 max.
Manganese	Mn %	1.000 max.
Lead	Pb %	0.050 max.
Silicon	Si %	0.250 max.
Tin	Sn %	0.100 max.
Zinc	Zn %	0.500 max.
Copper	Cu %	86.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	520 min.
Yield Strength in Mpa	210 min.
Elongation in %	12 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
AB1	BS	British	Casting
C95210	AS	Australia	Ingots and Casting
CuAl10Fe3	ISO	International	Rod and Bar
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India