

Material: IS 8362 90/10 Copper - Nickel - Iron

Standard Specification for Copper and Copper Alloy Rolled Plates for Condensers and Heat Exchangers

Group: Non-Ferrous Copper Alloy

Sub Group: IS 8362 Copper and Copper Alloy Rolled Plates for Condensers and Heat Exchangers

Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

Belongs to the Industry: Plate

Chemical Composition		
Zinc	Zn %	1.000 max.
Nickel	Ni %	9.000 - 11.000
Iron	Fe %	1.000 - 2.000
Manganese	Mn %	0.300 - 0.800
Sulphur	S %	0.030 max.
Lead	Pb %	0.050 max.
Other	Ot%	0.300 max.
Copper	Cu %	86.500 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
	As Raw

Mechanical Properties	
Tensile Strength in Mpa	275 min.
Yield Strength in Mpa	-
Elongation in %	25 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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