

Material: IS 8362 10% Aluminium Bronze

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			Heat Treatment	
Zinc	Zn %	0.500 max.	As Raw	
Nickel	Ni %	4.000 - 7.000		
Iron	Fe %	1.500 - 3.500		
Manganese	Mn %	0.500 - 2.000		
Lead	Pb %	0.050 max.		
Aluminium	Al %	8.500 - 10.500		
Silicon	Si %	0.250 max.		
Magnesium	Mg %	0.050 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 550 min. Yield Strength in Mpa - Elongation in % 8 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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