

Material: AFNOR NF A51-115 CuZn40Pb

Standard Specification for Copper and Copper Alloy Plates, Sheets and Circles for Heat Exchangers

Group: Non-Ferrous Copper Alloy

Sub Group: AFNOR NF A51-115 Copper and Copper Alloy Plates, Sheets and Circles for Heat Exchangers

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

Grade Belongs to the Industry: Plate and Sheet

Chemical Composition			Heat Treatment	
Iron	Fe %	0.150 max.	Normalizing or Annealing or Tempering	
Other	Ot%	0.500 max.		
Lead	Pb %	0.400 - 0.900		
Tin	Sn %	0.250 max.		
Copper	Cu %	58.000 - 61.000		
Zinc	Zn %	Balance		
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-	-	-	Mechanical Properties Tensile Strength in Mpa 340 min. Yield Strength in Mpa 125 min. Elongation in % 28 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
CuZn40Pb	AFNOR NF	France	Plate
CuZn37Pb	IS	India	Plate
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