

Material: IS 14811 CuDPA-HB

Standard Specification for Rolled Copper Plate, Sheet, Strip and Foils for General Engineering Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: IS 14811 Rolled Copper Plate, Sheet, Strip and Foils for General Engineering Purposes

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

Belongs to the Industry: Plate, Sheet, Strip and Foils

Chemical Composition		
Arsenic	As %	0.200 - 0.500
Bismuth	Bi %	0.003 max.
Iron	Fe %	0.030 max.
Nickel	Ni %	0.150 max.
Other	Ot%	0.060 max.
Phosphorus	P %	0.015 - 0.100
Lead	Pb %	0.010 max.
Antimony	Sb %	0.010 max.
Se + Te	Se% + Te%	0.020 max.
Tin	Sn %	0.010 max.
Tellurium	Te %	0.010 max.
Cu + Ag	Cu% + Ag%	99.200 max.
-	-	-
-	-	-
-	-	-

Heat Treatment	
As Drawn or Annealing or Half Hardening or Tempering & Annealing or Annealing	

Mechanical Properties	
Tensile Strength in Mpa	250 min.
Yield Strength in Mpa	-
Elongation in %	15 min.
Reduction of Area in %	-
Hardness in HV	75 - 90
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Cu-DPA	IS	India	Ingot and Casting
CuDPA-HA	IS	India	Plate, Sheet, Strip and Foils
CuDPA-HD	IS	India	Plate, Sheet, Strip and Foils
CuDPA-O	IS	India	Plate, Sheet, Strip and Foils
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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