

Material: IS 1545 Cu-DHP

Standard Specification for Solid Drawn Copper and Copper Alloy Tube for Condenser and Heat Exchangers

Group: Non-Ferrous Copper Alloy

Sub Group: IS 1545 Solid Drawn Copper and Copper Alloy Tube for Condenser and Heat Exchangers

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

Belongs to the Industry: Tube

Chemical Composition			Heat Treatment	
Lead	Pb %	0.010 max.	As Drawn or Annealing or Half Hardening or Tempering & Annealing or Annealing	
Tin	Sn %	0.010 max.		
Iron	Fe %	0.030 max.		
Arsenic	As %	0.050 max.		
Nickel	Ni %	0.100 max.		
Phosphorus	P %	0.014 - 0.015		
Other	Ot%	0.060 max.		
Copper	Cu %	99.850 max.		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	205 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	40 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV 5	60 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuDHP-HA	IS	India	Plate, Sheet, Strip and Foils
CuDHP-HB	IS	India	Plate, Sheet, Strip and Foils
CuDHP-HD	IS	India	Plate, Sheet, Strip and Foils
CuDHP-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