

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		
Lead	Pb %	0.010 max.
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.
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-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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

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
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