



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
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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