

Material: IS 1545 CuNi30Mn1Fe

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 %	0.050 max.
Iron	Fe %	0.400 - 1.000
Manganese	Mn %	0.500 - 1.000
Nickel	Ni %	29.000 - 33.000
Zinc	Zn %	0.500 max.
Other	Ot%	0.300 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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

Mechanical Properties	
Tensile Strength in Mpa	360 min.
Yield Strength in Mpa	-
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in HV 5	115 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuNi30Mn1Fe-HD	IS	India	Tube
CuNi30Mn1Fe-O	IS	India	Tube
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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