

Material: IS 2501

Standard Specification for Solid Drawn Copper Tubes for General Engineering Purpose

Group: Non-Ferrous Copper Alloy

Sub Group: IS 2501 Solid Drawn Copper Tubes for General Engineering Purpose

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

Belongs to the Industry: Tube

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.015 - 0.100	As Drawn or Half Hardening or Annealing	
Arsenic	As %	0.050 max.		
Antimony	Sb %	0.005 max.		
Bismuth	Bi %	0.003 max.		
Iron	Fe %	0.030 max.		
Lead	Pb %	0.010 max.		
Nickel	Ni %	0.100 max.		
Tellurium	Te %	0.010 max.		
Tin	Sn %	0.010 max.		
Selenium + Tellurium	Se % + Te%	0.020 max.		
Copper	Cu %	99.800 min.	Mechanical Properties Tensile Strength in Mpa 195 min. Yield Strength in Mpa - Elongation in % 40 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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Customer Care: +91-99090 45075 Email: info@icastllp.com