

Material: IS 3167

Standard Specification for Solid Drawn Copper Tubes for General Engineering Purpose

Group: Non-Ferrous Copper Alloy

Sub Group: IS 3167 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 %	0.010 max.	Cold Rolled & Annealing	
Arsenic	As %	0.020 max.		
Antimony	Sb %	0.010 max.		
Bismuth	Bi %	0.002 max.		
Manganese	Mn %	0.040 max.		
Iron	Fe %	0.050 max.		
Lead	Pb %	0.020 max.		
Tin	Sn %	0.010 max.		
Nickel	Ni %	0.100 max.		
Other	Ot%	0.005 max.		
Copper	Cu %	95.000 - 98.000	Mechanical Properties	
Zinc	Zn %	Balance	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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