

Material: BS 2871 C 102

Standard Specification for Copper and Copper Alloy and Tubes for General Purposes

Group: Non-Ferrous Copper Alloy

Sub Group: BS 2871 Copper and Copper Alloy and Tubes for General Purposes

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

Belongs to the Industry: Tube

Chemical Composition			Heat Treatment	
Bismuth	Bi %	0.0025 max.	Normalizing or Annealing or Tempering	
Lead	Pb %	0.005 max.		
Other	Ot%	0.040 max.		
Copper	Cu %	99.900 min.		
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-	-	-		
-	-	-		
-	-	-		
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-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	154.5 - 698.2
-	-	-	Yield Strength in Mpa	55 - 367
-	-	-	Elongation in %	4 - 45
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	50 - 100
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
9805 Grade 1	IS	India	Casting
Cu FRHC	IS	India	Forging
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