

Material: BS 2874 C 102

Standard Specification for Copper and Copper Alloy Rods and Sections

Group: Non-Ferrous Copper Alloy

Sub Group: BS 2874 Copper and Copper Alloy Rods and Sections

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

Belongs to the Industry: Rod and Section

Chemical Composition			Heat Treatment	
Bismuth	Bi %	0.0025 max.	As-Cast	
Other	Ot%	0.040 max.		
Lead	Pb %	0.005 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	54.5 - 366.7
-	-	-	Elongation in %	4 - 45
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	50 - 100
-	-	-	Impact in Joule	35.5 - 131.9 @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Cu-FRHC	IS	India	Ingots and Casting
CuETP-HA	IS	India	Plate, Sheet, Strip and Foils
Cu ETP	IS	India	Ingots and Casting
CuETP-HB	IS	India	Strip
CuETP-HD	IS	India	Strip
CuETP-O	IS	India	Strip
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