

Material: KS D 5101 C 1201

Standard Specification for Copper and Copper Alloy-Rods and Bars

Group: Non-Ferrous Copper Alloy

Sub Group: KS D 5101 Copper and Copper Alloy-Rods and Bars

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

Belongs to the Industry: Rod and Bar

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.004 - 0.015	Normalizing or Annealing or Tempering	
Copper	Cu %	99.900 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	154.5 - 698.2
-	-	-	Yield Strength in Mpa	54.5 - 366.7
-	-	-	Elongation in %	10 - 40
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRB	30 - 65
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
10773 Grade 1	IS	India	Tube
Cu DLP-HB	IS	India	Tube
Cu DLP-HD	IS	India	Tube
Cu DLP-O	IS	India	Tube
C 1201 CB	JIS	Japan	Billet and Cake
C 1201 CC	JIS	Japan	Billet and Cake
C 1201 CB	KS	Korea	Billet and Cake

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