

Material: ISO 5182 CuCr1

Standard Specification for Resistance Welding - Materials for Electrodes and Ancillary Equipment

Group: Non-Ferrous Copper Alloy

Sub Group: ISO 5182 Resistance Welding - Materials for Electrodes and Ancillary Equipment

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

Belongs to the Industry: Rod

Chemical Composition			Heat Treatment	
Chromium	Cr %	0.500 - 1.250	As-Cast	
Copper	Cu %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	340 - 500
-	-	-	Yield Strength in Mpa	260 - 440
-	-	-	Elongation in %	5 - 18
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HB	110 - 145
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CC1-TF	BS	British	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com