



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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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