



## Material - BS C 109

### Standard Specification for Copper and Copper Alloy Rod for Free Machining Purpose

Group - Non Ferrous Copper Alloys

Sub Group - BS C 109 Copper and Copper Alloy Rod for Free Machining Purpose

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

Grade Belongs to the Industry - Rod

Chemical Composition			Heat Treatment	
Tellurium	Te %	0.300 - 0.700	As Raw or Solution Heat Treated	
Other	Ot %	0.200 max.		
Copper	Cu %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	210 min.
			Yield Strength in Mpa	-
			Elongation in %	8 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuTeP	DIN	Germany	Rod
SF-CuTe	DIN	Germany	Rod
CuTe(P)	ISO	International	Rod
C 1100 W	JIS	Japan	Rod
CuTeP	EN	European Union	Rod
CW118C	EN	European Union	Rod
2.1546	DIN	Germany	Rod

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

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