



Material - EN CW118C

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

Group - Non Ferrous Copper Alloys

Sub Group - EN CW118C 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	250 min.
			Yield Strength in Mpa	180 min.
			Elongation in %	5 min.
			Reduction of Area in %	-
			Hardness in BHN	80 - 130
			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
C 109	BS	British	Rod
CuTeP	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.