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		
Tellurium	Te %	0.300 - 0.700
Other	Ot %	0.200 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Solution Heat Treated

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

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