

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

Sub Group: *ISO CuTe(P) 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	
Phosphorus	P %	0.004 - 0.012	As Raw or Solution Heat Treated	
Tellurium	Te %	0.300 - 0.800		
Other	Ot %	0.200 max.		
Copper	Cu %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	250 min.
-	-	-	Yield Strength in Mpa	200 min.
-	-	-	Elongation in %	7 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	75 min.
-	-	-	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
C 1100 W	JIS	Japan	Rod
C 109	BS	British	Rod
CuTeP	EN	European Union	Rod
CW118C	EN	European Union	Rod
2.1546	DIN	Germany	Rod

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