

Material: SFS CuZn40Pb2

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

Group: Non Ferrous Copper Alloys

Sub Group: SFS CuZn40Pb2 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		
Aluminium	Al %	0.100 max.
Iron	Fe %	0.400 max.
Nickel	Ni %	0.400 max.
Lead	Pb %	1.500 - 2.500
Tin	Sn %	0.300 max.
Other	Ot %	0.200 max.
Copper	Cu %	57.000 - 59.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As Raw or Solution Heat Treated	

Mechanical Properties	
Tensile Strength in Mpa	340 min.
Yield Strength in Mpa	140 min.
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in BHN	70 - 160
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn40Pb2	DIN	Germany	Rod
B 124 CW617N	ASTM	USA	Rod
CuZn40Pb2	ISO	International	Rod
LS59-2	GOST	Russia	Rod
CW617N	SFS	Finland	Rod
CuZn40Pb2	BS	British	Rod
CW617N	BS	British	Rod

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India