

Material: BS CW606N

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

Group: Non Ferrous Copper Alloys

Sub Group: BS CW606N 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 %	0.050 max.
Iron	Fe %	0.200 max.
Nickel	Ni %	0.300 max.
Lead	Pb %	1.600 - 2.500
Tin	Sn %	0.200 max.
Other	Ot %	0.200 max.
Copper	Cu %	61.000 - 62.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As Raw or Solution Heat Treated	

Mechanical Properties	
Tensile Strength in Mpa	290 - 686.5
Yield Strength in Mpa	147.1 - 451.1
Elongation in %	2 min.
Reduction of Area in %	-
Hardness in HV	60 - 170
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn37Pb2	DIN	Germany	Rod
CuZn37Pb2	BS	British	Rod
CuZn37Pb2	UNE	Spain	Rod
CW606N	UNE	Spain	Rod
CuZn37Pb2	CSN	Czech Republic	Rod
CW606N	SS	Sweden	Rod
CuZn37Pb2	SS	Sweden	Rod

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