Material: DIN EN 12164 CuZn37Pb2 (CW606N)

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

Group: *Non Ferrous Copper Alloys*
Sub Group: *DIN EN 12164 CuZn37Pb2 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	320 min.
Yield Strength in Mpa	160 min.
Elongation in %	15 min.
Reduction of Area in %	-
Hardness in HV	90 min.
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CuZn37Pb2	BS	British	Rod
CW606N	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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