Material: DIN 2.0780

Standard Specification for Copper and Copper Alloy Rod

Group: *Non Ferrous Copper Alloys*
Sub Group: *DIN 2.0780 Copper and Copper Alloy Rod*
Application: *Intended for Valve, Pump, General Engineering, Automotive and Other Industries*
Grade Belongs to the Industry: *Rod*

Chemical Composition		
Iron	Fe %	0.300 max.
Manganese	Mn %	0.700 max.
Nickel	Ni %	11.000 - 13.000
Lead	Pb %	0.300 - 1.500
Other	Ot %	0.400 max.
Copper	Cu %	56.000 - 58.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Solution Heat Treated

Mechanical Properties	
Tensile Strength in Mpa	410 - 640
Yield Strength in Mpa	240 min.
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in BHN	120 - 175
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CuNi12Zn30Pb1	DIN	Germany	Rod
Ns5712Pb	DIN	Germany	Rod
CuNi12Zn30Pb1	BS	British	Rod
CW406J	BS	British	Rod
CuNi12Zn30Pb1	UNE	Spain	Rod
CW406J	UNE	Spain	Rod
CW406J	NS	Norway	Rod

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