



Material - DIN Ns5712Pb

Standard Specification for Copper and Copper Alloy Rod

Group - Non Ferrous Copper Alloys

Sub Group - DIN Ns5712Pb Copper and Copper Alloy Rod

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Rod

Chemical Composition			Heat Treatment	
Iron	Fe %	0.500 max.	As Raw or Solution Heat Treated	
Manganese	Mn %	0.500 max.		
Nickel	Ni %	11.000 - 13.000		
Lead	Pb %	0.300 - 1.500		
Tin	Sn %	0.300 max.		
Other	Ot %	0.100 max.		
Copper	Cu %	56.000 - 58.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	490 - 640
-	-	-	Yield Strength in Mpa	410 min.
-	-	-	Elongation in %	5 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	155 - 175
-	-	-	Impact in Joule	-

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

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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