



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			Heat Treatment	
Iron	Fe %	0.300 max.	As Raw or Solution Heat Treated	
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		
-	-	-	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 -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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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

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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