



Material - PN MO61

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

Group - Non Ferrous Copper Alloys

Sub Group - PN MO61 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			Heat Treatment			
Aluminium	Al %	0.050 max.	As Raw or Solution Heat Treated			
Iron	Fe %	0.300 max.				
Nickel	Ni %	0.300 max.				
Lead	Pb %	2.500 - 3.500				
Tin	Sn %	0.200 max.				
Other	Ot %	0.200 max.				
Copper	Cu %	60.000 - 62.000				
Zinc	Zn %	Balance	Mechanical Properties			
-	-	-			Tensile Strength in Mpa	340 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
EN 12164 CuZn36Pb3	DIN	Germany	Rod
CZ 124	BS	British	Rod
C 3601 BD	JIS	Japan	Rod
C 3601 W	JIS	Japan	Rod
C 3602 BD	JIS	Japan	Rod
C 3602 BE	JIS	Japan	Rod
C 3602 BF	JIS	Japan	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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