



Material - DIN EN 12164 CuZn38Pb1 (CW607N)

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

Group - Non Ferrous Copper Alloys

Sub Group - DIN EN 12164 CuZn38Pb1 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 %	0.200 max.				
Nickel	Ni %	0.300 max.				
Lead	Pb %	0.800 - 1.600				
Tin	Sn %	0.200 max.				
Other	Ot %	0.200 max.				
Copper	Cu %	60.000 - 61.000				
Zinc	Zn %	Balance	Mechanical Properties			
-	-	-			Tensile Strength in Mpa	360 min.
-	-	-			Yield Strength in Mpa	150 min.
-	-	-			Elongation in %	16 min.
-	-	-			Reduction of Area in %	-
-	-	-			Hardness in HV	90 min.
-	-	-			Impact in Joule	-
-	-	-				

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn38Pb1	CSN	Czech Republic	Rod
CW607N	CSN	Czech Republic	Rod
CuZn38Pb1	ONORM	Australia	Rod
CW607N	ONORM	Australia	Rod
CuZn38Pb1	MSZ	Hungary	Rod
CW607N	MSZ	Hungary	Rod
CW607N	EN	European Union	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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