Material - EN CW602N

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

Group - Non Ferrous Copper Alloys
Sub Group - EN CW602N 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		
Aluminium	Al %	0.050 max.
Iron	Fe %	0.100 max.
Iron	Fe %	0.100 max.
Manganese	Mn %	0.100 max.
Lead	Pb %	1.700 - 2.800
Nickel	Ni %	0.300 max.
Arsenic	As %	0.020 - 0.150
Tin	Sn %	0.100 max.
Other	Ot %	0.200 max.
Copper	Cu %	61.000 - 63.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment

As Raw or Solution Heat Treated

Mechanical Properties	
Tensile Strength in Mpa	280 min.
Yield Strength in Mpa	120 - 250
Elongation in %	8 min.
Reduction of Area in %	-
Hardness in HV	80 - 145
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
CuZn36Pb2As	DIN	Germany	Rod
CuZn36Pb2As	GOST	Russia	Rod
CuZn36Pb2As	ONORM	Australia	Rod
CW602N	ONORM	Australia	Rod
CuZn36Pb2As	EN	European Union	Rod
CuZn36Pb2As	NBN	Belgium	Rod
CW602N	NBN	Belgium	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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