Material - EN CuZn35Pb2

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

Group - Non Ferrous Copper Alloys
Sub Group - EN CuZn35Pb2 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.
Nickel	Ni %	0.300 max.
Lead	Pb %	1.600 - 2.500
Tin	Sn %	0.100 max.
Other	Ot %	0.100 max.
Copper	Cu %	62.000 - 63.500
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment

As Raw or Solution Heat Treated

Mechanical Properties	
Tensile Strength in Mpa	290 min.
Yield Strength in Mpa	180 min.
Elongation in %	5 min.
Reduction of Area in %	-
Hardness in HV	60 - 150
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn35Pb2	DIN	Germany	Rod
CuZn35Pb2	BDS	Bulgaria	Rod
CW601N	BDS	Bulgaria	Rod
CuZn35Pb2	NBN	Belgium	Rod
CW601N	NBN	Belgium	Rod
CW601N	EN	European Union	Rod
CuZn35Pb2	DIN	Germany	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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