



Material - JIS C 3501 W

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

Group - Non Ferrous Copper Alloys

Sub Group - JIS C 3501 W 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	
Iron	Fe %	0.200 max.	As Raw or Solution Heat Treated	
Fe + Sn	Fe% + Sn%	0.400 max.		
Lead	Pb %	0.700 - 1.700		
Copper	Cu %	60.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
Mechanical Properties				
Tensile Strength in Mpa		295 - 440		
Yield Strength in Mpa		-		
Elongation in %		10 min.		
Reduction of Area in %		-		
Hardness in BHN		-		
Impact in Joule		-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn35Pb1	DIN	Germany	Rod
CuZn35Pb1	ONORM	Australia	Rod
CW600N	ONORM	Australia	Rod
CuZn35Pb1	EN	European Union	Rod
CW600N	EN	European Union	Rod
CuZn35Pb1	AFNOR NF	France	Rod
CW600N	AFNOR NF	France	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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