

Material - JIS C 3604 BD

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

Group - Non Ferrous Copper Alloys

Sub Group - JIS C 3604 BD 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	
Arsenic	As %	0.020 max.		
Iron	Fe %	0.500 max.	As Raw or Solution Heat Treated	
Lead	Pb %	1.800 - 3.700		
Fe + Sn	Fe% + Sn%	0.800 max.		leat Treated
Nickel	Ni %	0.200 max.		
Copper	Cu %	57.000 - 61.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	335 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	80 min.
-	-	-	Impac <mark>t in Joule</mark>	-

Cross Reference Table				
Material	Standard	Country	Grade Belong to the Industry	
EN 12164 CuZn39Pb3	DIN	Germany	Rod	
CuZn39Pb3	GOST	Russia	Rod	
LS58-3	GOST	Russia	Rod	
CuZn39Pb3	ISO	International	Rod	
CU 3	ISO	International	Rod	
C 3604 BE	JIS	Japan	Rod	
C 3604 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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