



## Material - JIS C 4622 BF

### Standard Specification for Copper and Copper Alloy Rod and Bar

Group - Non Ferrous Copper Alloys

Sub Group - JIS C 4622 BF Copper and Copper Alloy Rod and Bar

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Rod and Bar

Chemical Composition			Heat Treatment	
Iron	Fe %	0.200 max.	As Raw or Solution Heat Treated	
Lead	Pb %	0.300 max.		
Tin	Sn %	0.700 - 1.500		
Copper	Cu %	61.000 - 64.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	345 min.
			Yield Strength in Mpa	-
			Elongation in %	20 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn37Pb1Sn1	DIN	Germany	Rod
CuZn37Pb1Sn1	ONORM	Australia	Rod
CW714R	ONORM	Australia	Rod
CuZn37Pb1Sn1	NBN	Belgium	Rod
CW714R	NBN	Belgium	Rod
CuZn37Pb1Sn1	EN	European Union	Rod
CW714R	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](mailto:marketing@gravitycastindia.com)**

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