

# Material: ONORM CW714R

## Standard Specification for Copper and Copper Zinc Alloy Rod

**Group:** Non Ferrous Copper Alloys

**Sub Group:** ONORM CW714R Copper and Copper Zinc Alloy Rod

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

**Grade Belongs to the Industry:** Rod

Chemical Composition			Heat Treatment	
Iron	Fe %	0.100 max.	As Raw or Solution Heat Treated	
Nickel	Ni %	0.300 max.		
Lead	Pb %	0.400 - 1.000		
Tin	Sn %	0.500 - 1.000		
Other	Ot %	0.200 max.		
Copper	Cu %	59.000 - 61.000		
Zinc	Zn %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 350 - 450 Yield Strength in Mpa 160 - 400 Elongation in % 5 min. Reduction of Area in % - Hardness in HV 85 - 185 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn37Pb1Sn1	DIN	Germany	Rod
C 4622 BF	JIS	Japan	Rod and Bar
CuZn37Pb1Sn1	ONORM	Australia	Rod
CuZn37Pb1Sn1	NBN	Belgium	Rod
CW714R	NBN	Belgium	Rod
CuZn37Pb1Sn1	EN	European Union	Rod
CW714R	EN	European Union	Rod

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)