

Material: ONORM CuZn37Pb1Sn1

Standard Specification for Copper and Copper Zinc Alloy Rod

Group: Non Ferrous Copper Alloys

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

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