

Material: DIN EN 12164 CuZn37Pb1Sn1 (CW714R)

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

Group: Non Ferrous Copper Alloys

Sub Group: DIN EN 12164 CuZn37Pb1Sn1 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 %	0.100 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 410 min. Yield Strength in Mpa 250 min. Elongation in % 12 min. Reduction of Area in % - Hardness in HV 125 min. Impact in Joule -	
-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C 4622 BF	JIS	Japan	Rod and Bar
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

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