

Material - ASTM B 124 CW617N

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

Group - Non Ferrous Copper Alloys

Sub Group - ASTM B 124 CW617N 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	
Aluminium	Al %	0.050 max.	As Raw or Solution Heat Treated	
Iron	Fe %	0.300 max.		
Nickel	Ni %	0.300 max.		
Lead	Pb %	1.600 - 2.500		
Tin	Sn %	0.300 max.		
Copper	Cu %	57.000 - 59.000		
Zinc	Zn %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 360 min. Yield Strength in Mpa 150 min. Elongation in % 15 min. Reduction of Area in % - Hardness in HV 90 min. Impact in Joule -	
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-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 12164 CuZn40Pb2	DIN	Germany	Rod
CuZn40Pb2	ISO	International	Rod
LS59-2	GOST	Russia	Rod
CuZn40Pb2	SFS	Finland	Rod
CW617N	SFS	Finland	Rod
CuZn40Pb2	BS	British	Rod
CW617N	BS	British	Rod

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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