



Material - JIS C 5441 B

Standard Specification for Copper Beryllium Alloy, Phosphor Bronze and Nickel Silver Rod, Bar and Wire

Group - Non Ferrous Copper Alloys

Sub Group - JIS C 5441 B Copper Beryllium Alloy, Phosphor Bronze and Nickel Silver Rod, Bar and Wire

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

Grade Belongs to the Industry - Rod, Bar and Wire

Chemical Composition			Heat Treatment	
Phosphorus	P %	0.010 - 0.500	As Raw or Solution Heat Treated	
Lead	Pb %	3.500 - 4.000		
Tin	Sn %	3.000 - 4.500		
Zinc	Zn %	1.500 - 4.500		
Copper	Cu %	99.500 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	320 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	10 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HV	100 min.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuSn4Pb4Zn4	DIN	Germany	Rod
CuSn4Pb4Zn4	NBN	Belgium	Rod
CW456K	NBN	Belgium	Rod
CuSn4Pb4Zn4	AFNOR NF	France	Rod
CW456K	AFNOR NF	France	Rod
CuSn4Pb4Zn4	NS	Norway	Rod
CW456K	NS	Norway	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

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