



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - CSN CuNi7Zn39Pb3Mn2

Standard Specification for Copper and Copper Alloy Rod

Group - Non Ferrous Copper Alloys

Sub Group - CSN CuNi7Zn39Pb3Mn2 Copper and Copper 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 %	0.300 max.	As Raw or Solution Heat Treated	
Manganese	Mn %	1.500 - 3.000		
Nickel	Ni %	6.000 - 8.000		
Lead	Pb %	2.300 - 3.300		
Tin	Sn %	0.200 max.		
Other	Ot %	0.200 max.		
Copper	Cu %	47.000 - 50.000		
Zinc	Zn %	Balance	Mechanical Properties Tensile Strength in Mpa 500 min. Yield Strength in Mpa 350 min. Elongation in % 5 min. Reduction of Area in % - Hardness in HV 115 - 200 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuNi7Zn39Pb3Mn2	DIN	Germany	Rod
CuNi7Zn39Pb3Mn2	ONORM	Australia	Rod
CW400J	ONORM	Australia	Rod
CuNi7Zn39Pb3Mn2	BDS	Bulgaria	Rod
CW400J	BDS	Bulgaria	Rod
CW400J	CSN	Czech Republic	Rod
CW400J	EN	European Union	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

ONE STOP SOLUTION FOR METAL PARTS