



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 2704 CuZn35Pb1

Standard Specification for Brass Wires for Cold-Headed and Machined Parts

Group - Non-Ferrous Copper Alloy

Sub Group - IS 2704 Brass Wires for Cold-Headed and Machined Parts

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

Grade Belongs to the Industry - Wire

Chemical Composition			Heat Treatment	
Lead	Pb %	0.750 - 1.500	Tempering or Quarter Hardening or Half Hardening or Extra Hardening	
Iron	Fe %	0.100 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	62.000 - 65.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
Mechanical Properties				
Tensile Strength in Mpa		325 - 390		
Yield Strength in Mpa		-		
Elongation in %		30 min.		
Reduction of Area in %		-		
Hardness in HV		110 - 130		
Impact in Joule		-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CZ 118	BS	British	Plate
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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