



## Material - IS 531 CuZn35 Pb1

### Standard Specification for Leaded Brass Strips for Instrument Parts

Group - Non-Ferrous Zinc Alloy

Sub Group - IS 531 Leaded Brass Strips for Instrument Parts

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

Grade Belongs to the Industry - Strip

Chemical Composition			Heat Treatment	
Lead	Pb %	0.750 - 1.500	Half Hardening or Hardening or Extra Hardening	
Other	Ot%	0.300 max.		
Copper	Cu %	63.000 - 66.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	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](mailto:marketing@gravitycastindia.com)**

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