



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - IS 3331 CuZn37

Standard Specification for Copper and Brass Strips/Foils for Radiator Cores

Group - Non-Ferrous Copper Alloy

Sub Group - IS 3331 Copper and Brass Strips/Foils for Radiator Cores

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

Grade Belongs to the Industry - Strip and Foil

Chemical Composition			Heat Treatment	
Iron	Fe %	0.100 max.	Normalizing or Annealing or Tempering	
Other	Ot%	0.500 max.		
Lead	Pb %	0.300 max.		
Copper	Cu %	61.500 - 64.500		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
Mechanical Properties				
Tensile Strength in Mpa		275 - 775		
Yield Strength in Mpa		-		
Elongation in %		5 - 40		
Reduction of Area in %		-		
Hardness in HV		70 - 220		
Impact in Joule		-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn30	IS	India	Plate
CZ 106	BS	British	Sheet, Strip and Foil
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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