



Material - IS 2378 CuZn37J7

Standard Specification for Code for Designation of Copper and Copper Alloys

Group - Non-Ferrous Copper Alloy

Sub Group - IS 2378 Code for Designation of Copper and Copper Alloys

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

Grade Belongs to the Industry - Casting, Rod and Bar

Chemical Composition			Heat Treatment	
Lead	Pb %	0.300 max.	Annealing or Half Hardening or Hardening	
Iron	Fe %	0.100 max.		
Other	Ot%	0.550 max.		
Copper	Cu %	61.500 - 64.500		
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
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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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