

Material: IS 12443 Brass CuZn30

Standard Specification for Rolled Brass Plates for General Engineering

Group: Non-Ferrous Copper Alloy

Sub Group: IS 12443 Rolled Brass Plates for General Engineering

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

Belongs to the Industry: Plate

Chemical Composition			Heat Treatment	
Lead	Pb %	0.050 max.	As Raw or Annealing or Strain Hardening	
Iron	Fe %	0.050 max.		
Other	Ot%	0.300 max.		
Copper	Cu %	68.500 - 71.500		
Zinc	Zn %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	280 min.
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	40 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn37	IS	India	Strip and Foil
CZ 106	BS	British	Sheet, Strip and Foil
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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