

Material: IS 12443 Brass CuZn28As

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 %	0.075 max.	As Raw or Annealing or Strain Hardening	
Iron	Fe %	0.060 max.		
Arsenic	As %	0.020 - 0.060		
Other	Ot%	0.300 max.		
Copper	Cu %	70.000 - 73.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
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-	-	-		
-	-	-		
			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
CZ105	BS	British	Plate
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-	-	-	-

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