

Material: IS 12443 Lead Muntz Metal CuZn40Pb

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 %	0.040 - 1.000	As Raw	
Tin	Sn %	0.250 max.		
Iron	Fe %	0.150 max.		
Other	Ot%	0.500 max.		
Copper	Cu %	58.000 - 61.000		
Zinc	Zn %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	275 min.
			Yield Strength in Mpa	-
			Elongation in %	16 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn40Pb	AFNOR NF	France	Plate and Sheet
CuZn37Pb	IS	India	Plate
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