

# Material: IS 12443 Leaded 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		
Lead	Pb %	0.040 - 1.000
Tin	Sn %	0.250 max.
Iron	Fe %	0.150 max.
Other	Ot%	0.500 max.
Copper	Cu %	58.000 - 61.000
Zinc	Zn %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw

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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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)



+91-99090 45075



[info@icastllp.com](mailto:info@icastllp.com)



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India