

## **Material: ASME SB-171 C46400**

## **Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers**

**Group: Non-Ferrous Copper Alloy**

## **Sub Group: ASME SB-171 Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers and Heat Exchangers**

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

### **Grade Belongs to the Industry: Plate and Sheet**

<b>Heat Treatment</b>	
Normalizing or Annealing or Tempering	
<b>Mechanical Properties</b>	
Tensile Strength in Mpa	345 min.
Yield Strength in Mpa	125 - 140
Elongation in %	35 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuZn39Sn	IS	India	Plate
B171 C46400	ASTM	USA	Plate and Sheet
B283 C46400	ASTM	USA	Forging
CZ 133	BS	British	Rod and Section
SB-283 C46400	ASME	USA	Forging
F467 C46400	ASTM	USA	Nut
CuZn38Sn1	ISO	International	Rod and Bar

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