

**Material: ASTM B271 Silicon Brass UNS C87400**

## Standard Specification for Copper-Base Alloy Centrifugal Castings

### **Group: Non-Ferrous Copper Alloy**

## **Sub Group: ASTM B271 Copper-Base Alloy Centrifugal Castings**

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

### **Belongs to the Industry: Rod, Bar, Tube and Shapes**

# Heat Treatment

As-Cast

Mechanical Properties	
Tensile Strength in Mpa	345 min.
Yield Strength in Mpa	145 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B271 C87400	ASTM	USA	Casting
B30 C87400	ASTM	USA	Ingot and Casting
B584 C87400	ASTM	USA	Casting
SB-584 C87400	ASME	USA	Casting
C87400	SAE	USA	Casting
CA874	SAE	USA	Casting
CACIn803	KS	Korea	Ingot and Casting

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