

Material: ASTM B271 Silicon Bronze UNS C87600

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

Chemical Composition			Heat Treatment	
Lead	Pb %	0.500 max.	As-Cast	
Zinc	Zn %	4.000 - 7.000		
Silicon	Si %	3.500 - 5.500		
Copper	Cu %	88.000 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	414 min.
-	-	-	Yield Strength in Mpa	207 min.
-	-	-	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
B198-13C	ASTM	USA	Casting
B271 C87600	ASTM	USA	Casting
B30 C87600	ASTM	USA	Ingot and Casting
B584 C87600	ASTM	USA	Casting
SB-584 C87600	ASME	USA	Casting
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com