

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.		
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-	-	-		
-	-	-		
-	-	-	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 -	
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-	-	-		
-	-	-		
-	-	-		
-	-	-		
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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
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For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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