



Material - UNS C87600

Standard Specification for Silicon Brass Ingots and Castings

Group - Non-Ferrous Copper Alloy

Sub Group - UNS Silicon Brass Ingots and Castings

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Iron	Fe %	0.200 max.	Normalizing or Annealing or Tempering	
Manganese	Mn %	0.250 max.		
Lead	Pb %	0.090 max.		
Silicon	Si %	3.500 - 4.500		
Zinc	Zn %	4.000 - 7.000		
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 -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
11109 Grade 2	IS	India	Ingot and Casting
SB-584 C87600	ASME	USA	Casting
B198-13C	ASTM	USA	Casting
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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