

## Material: IS 11109 Grade 2

### Standard Specification for Silicon Brass Ingots and Castings

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 11109 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	
Lead	Pb %	0.500 max.	As-Cast	
Iron	Fe %	0.300 max.		
Silicon	Si %	3.500 - 5.500		
Other	Ot%	0.500 max.		
Zinc	Zn %	4.000 - 7.000		
Copper	Cu %	88.000 min.		
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-	-	-	<b>Mechanical Properties</b>	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SB-584 C87600	ASME	USA	Casting
B198-13C	ASTM	USA	Casting
C87600	UNS	USA	Ingot and Casting
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