

Material: ISO 1338 CuSn11P

Standard Specification for Copper and Copper Alloys - Ingots and Castings

Group: Non-Ferrous Copper Alloy

Sub Group: ISO 1338 Copper and Copper Alloys - 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	
Aluminium	Al %	0.010 max.	As-Cast	
Iron	Fe %	0.100 max.		
Nickel	Ni %	0.200 max.		
Phosphorus	P %	0.250 - 1.500		
Lead	Pb %	0.500 max.		
Silicon	Si %	0.020 max.		
Tin	Sn %	10.200 - 12.000		
Zinc	Zn %	0.500 max.		
Copper	Cu %	86.000 - 89.500		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	220 - 320
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	2 - 6
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
PB2	BS	British	Casting
907C	AS	Australia	Ingot and Casting
C90810	AS	Australia	Ingot and Casting
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-	-	-	-
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