

Material: ASTM B30 C92900

Standard Specification for Copper Alloys Ingot and Casting

Group: Non-Ferrous Copper Alloy

Sub Group: ASTM B30 Copper Alloys Ingot and Casting

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 %	0.005 max.	As-Cast	
Iron	Fe %	0.150 max.		
Ni + Co	Ni% + Co%	2.800 - 4.000		
Phosphorus	P %	0.500 max.		
Lead	Pb %	2.000 - 3.000		
Sulphur	S %	0.050 max.		
Antimony	Sb %	0.100 max.		
Silicon	Si %	0.005 max.		
Tin	Sn %	9.00 - 11.000		
Zinc	Zn %	0.250 max.		
Copper	Cu %	82.000 - 86.000		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	310 min.
			Yield Strength in Mpa	172 min.
			Elongation in %	8 min.
			Reduction of Area in %	-
			Hardness in HB	75 min.
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C92900	UNS	USA	Rod, Bar, Tube and Shapes
B427 C92900	ASTM	USA	Casting
B505 C92900	ASTM	USA	Casting
SB-505 C92900	ASME	USA	Casting
C92900	SAE	USA	Casting
-	-	-	-
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