

Material: ASTM B30 C96200

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		
Carbon	C %	0.050 max.
Iron	Fe %	1.000 - 1.800
Manganese	Mn %	0.800 - 1.500
Niobium	Nb %	1.000 max.
Ni + Co	Ni% + Co%	9.000 - 11.000
Phosphorus	P %	0.020 max.
Lead	Pb %	0.005 max.
Sulphur	S %	0.020 max.
Silicon	Si %	0.250 max.
Copper	Cu %	84.500 - 87.000
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	310 min.
Yield Strength in Mpa	170 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
C96200	UNS	USA	Rod, Bar, Tube and Shapes
B369 C96200	ASTM	USA	Casting
C96200	SAE	USA	Casting
CA962	SAE	USA	Casting
SB-369 C96200	ASME	USA	Casting
C96200	AS	Australia	Casting
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