GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SB-369 C96200

Standard Specification for Copper -Nickel Alloy Casting

Group - Non-Ferrous Copper Alloy

Sub Group - ASME SB-369 Copper -Nickel Alloy Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition		
Carbon	C %	0.100 max.
Iron	Fe %	1.000 - 1.800
Manganese	Mn %	1.500 max.
Niobium	Nb %	1.000 max.
Ni + Co	Ni% + Co%	9.000 - 11.000
Phosphorus	P %	0.020 max.
Lead	Pb %	0.010 max.
Sulphur	S %	0.020 max.
Silicon	Si %	0.500 max.
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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
B30 C96200	ASTM	USA	Ingot and Casting
B369 C96200	ASTM	USA	Casting
C96200	SAE	USA	Casting
CA962	SAE	USA	Casting
C96200	AS	Australia	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