GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM B369 UNS C96200

Standard Specification for Copper-Nickel Alloy Castings

Group - Non-Ferrous Copper Alloy

Sub Group - ASTM B369 Copper-Nickel Alloy Castings

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

Grade Belongs to the Industry - Rod, Bar, Tube and Shapes

Chemical Composition		
Lead	Pb %	0.010 max.
Iron	Fe %	1.000 - 1.800
Ni + Cu	Ni% + Cu%	9.000 - 11.000
Manganese	Mn %	1.500 max.
Silicon	Si %	0.500 max.
Niobium	Nb %	1.000 max.
Phosphorus	P %	0.020 max.
Sulphur	S %	0.020 max.
Carbon	C %	0.100 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**
B30 C96200	ASTM	USA	Ingot and Casting
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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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com