



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM B 161 N02200
Standard Specification for Nickel Seamless Pipe and Tube
 Group - Non-Ferrous Nickel Alloys
 Sub Group - ASTM B 161 N02200 Nickel Seamless Pipe and Tube
 Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
 Grade Belongs to the Industry - Pipe and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.350 max.		
Manganese	Mn %	0.350 max.		
Copper	Cu %	0.250 max.		
Sulphur	S %	0.010 max.		
Iron	Fe %	0.400 max.		
Nickel	Ni %	99.000 min.		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	380 - 515
-	-	-	Yield Strength in Mpa	80 min.
-	-	-	Elongation in %	4 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 160 N02200	ASTM	USA	Rod and Bar
B 162 N02200	ASTM	USA	Plate, Sheet and Strip
B 163 N02200	ASTM	USA	Tube
B 564 N02200	ASTM	USA	Forging
B 725 N02200	ASTM	USA	Pipe
N02200	UNS	USA	Pipe
NNCP	JIS	Japan	Sheet and Plate

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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