AMTECH
TECHNOCAST PVT. LTD.

Material - ASTM B 160 N02200

Standard Specification for Nickel Rod and Bar

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 160 N02200 Nickel Rod and Bar

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

Grade Belongs to the Industry - Rod and Bar

Chemical Composition		
Carbon	C %	0.150 max.
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.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	380 min.
Yield Strength in Mpa	105 min.
Elongation in %	10 min.
Reduction of Area in %	-
Hardness in HRC	45 - 80
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
B 161 N02200	ASTM	USA	Pipe and Tube
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

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at +91 9879817994, or email us at manish@amtechtechnocast.com