

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			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.		
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-	-	-	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 -	
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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

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