

Material: ASTM B 161 N02201

Standard Specification for Nickel Seamless Pipe and Tube

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 161 N02201 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		
Carbon	C %	0.020 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	345 - 480
Yield Strength in Mpa	70 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 N02201	ASTM	USA	Rod and Bar
B 162 N02201	ASTM	USA	Plate, Sheet, and Strip
B 163 N02201	ASTM	USA	Tube
N02201	UNS	USA	Pipe
SB-160 N02201	ASME	USA	Rod and Bar
NLCP	JIS	Japan	Plate, Sheet and Strip
NW2201	JIS	Japan	Plate, Sheet and Strip

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