



Material - ASTM B 162 N02201

Standard Specification for Nickel Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 162 N02201 Nickel Plate, Sheet and Strip

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

Grade Belongs to the Industry - Plate, Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.020 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	345 min.
-	-	-	Yield Strength in Mpa	80 min.
-	-	-	Elongation in %	30 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRC	66 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 160 N02201	ASTM	USA	Rod and Bar
B 161 N02201	ASTM	USA	Pipe and Tube
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

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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