



Material - JIS NW2201

Standard Specification for Nickel Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - JIS NW2201 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 %	0.300 max.		
Manganese	Mn %	0.300 max.		
Copper	Cu %	0.200 max.		
Sulphur	S %	0.010 max.		
Iron	Fe %	0.400 max.		
Nickel	Ni %	99.000 min.		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	340 min.
-	-	-	Yield Strength in Mpa	65 min.
-	-	-	Elongation in %	15 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRC	117 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 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

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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