



Material - ASTM B 127 N04400

Standard Specification for Nickel Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 127 N04400 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 %	0.300 max.	As-Cast or Annealing or Age Hardning			
Silicon	Si %	0.500 max.				
Manganese	Mn %	2.000 max.				
Copper	Cu %	28.000 - 34.000				
Sulphur	S %	0.024 max.				
Iron	Fe %	2.500 max.				
Nickel	Ni %	63.000 min.				
-	-	-	Mechanical Properties			
-	-	-				
-	-	-			Tensile Strength in Mpa	485 - 585
-	-	-			Yield Strength in Mpa	195 min.
-	-	-			Elongation in %	2 min.
-	-	-			Reduction of Area in %	-
-	-	-			Hardness in HRC	68 - 94
-	-	-			Impact in Joule	-
-	-	-				
-	-	-				

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 163 N04400	ASTM	USA	Tube
SB 163 N04400	ASTM	USA	Tube
N04400	UNS	USA	Tube
Monel 400	SAE	USA	Sheet, Strip and Plate
B 164 N04400	ASTM	USA	Rod, Bar and Wire
NW4400	JIS	Japan	Plate, Sheet and Strip
B 165 N04400	ASTM	USA	Pipe and Tube

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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