AMTECH
TECHNOCAST PVT. LTD.

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		
Carbon	C %	0.300 max.
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.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

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

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at +91 9879817994, or email us at manish@amtechtechnocast.com