

Material - ASTM B 168 N06600

Standard Specification for Nickel Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 168 N06600 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 %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	1.000 max.		
Copper	Cu %	0.500 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	14.000 - 17.000		
Iron	Fe %	6.000 - 10.000		
Nickel	Ni %	72.000 min.		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	550 min.
-	-	-	Yield Strength in Mpa	240 min.
-	-	-	Elongation in %	2 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HRC	30 - 98
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 163 N06600	ASTM	USA	Tube
B 166 N06600	ASTM	USA	Rod, Bar and Wire
B 167 N06600	ASTM	USA	Pipe and Tube
SB-163 N06600	ASME	USA	Tube
B 472 N06600	ASTM	USA	Bar
NiCr15Fe8	ISO	International	Plate, Sheet and Strip
NW6600	JIS	Japan	Plate, Sheet and Strip

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](tel:+919879817994), or email us at manish@amtechtechnocast.com

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