

Material - ASTM A 959 Type 660

Standard Specification for Seamless Nickel and Nickel Alloy Pipe, Tube, Sheet, Strip, Plate, Round Bar, Flat Bar, Forging Stock, Hexagon and Wire

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM A 959 Type 660 Seamless Nickel and Nickel Alloy Pipe, Tube, Sheet, Strip, Plate, Round Bar, Flat Bar, Forging Stock, Hexagon and Wire

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

Grade Belongs to the Industry - Pipe, Tube, Sheet, Strip, Plate, Hexagon and Wire

Chemical Composition			Heat Treatment	
Carbon	C %	0.080 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.000 max.		
Chromium	Cr %	13.500 - 16.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	1.000 - 1.500		
Aluminium	Al %	0.350 max.		
Boron	B %	0.003 - 0.010	Mechanical Properties Tensile Strength in Mpa 600 - 1500 Yield Strength in Mpa 737.4 min. Elongation in % 29.300 min. Reduction of Area in % - Hardness in HRC 31 max. Impact in Joule -	
Titanium	Ti %	1.900 - 2.300		
Vanadium	V %	0.100 - 0.500		
Nickel	Ni %	24.000 - 27.000		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Incoloy A-286	Gravity	India	Pipe, Tube, Sheet, Strip, Plate, Hexagon and Wire
F 2281 660	ASTM	USA	Pipe, Tube, Sheet, Strip, Plate, Hexagon and Wire
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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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