

Material: ASME SB-622 N08135

Standard Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube

Group: Non-Ferrous Nickel Alloys

Sub Group: ASME SB-622 N08135 Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube

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

Grade Belongs to the Industry: Pipe and Tube

Chemical Composition		
Carbon	C %	0.030 max.
Silicon	Si %	0.750 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	20.500 - 23.500
Sulphur	S %	0.030 max.
Molybdenum	Mo %	4.000 - 5.000
Phosphorus	P %	0.030 max.
Copper	Cu %	0.700 max.
Tungsten	W %	0.200 - 0.800
Nickel	Ni %	33.000 - 38.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardening

Mechanical Properties	
Tensile Strength in Mpa	503 min.
Yield Strength in Mpa	214 min.
Elongation in %	40 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 622 N08135	ASTM	USA	Pipe and Tube
N08135	UNS	USA	Pipe and Tube
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India