

Material: ASME SB-622 N08535

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

Group: Non-Ferrous Nickel Alloys

Sub Group: ASME SB-622 N08535 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 %	0.500 max.
Manganese	Mn %	1.000 max.
Chromium	Cr %	24.000 - 27.000
Sulphur	S %	0.030 max.
Molybdenum	Mo %	2.500 - 4.000
Phosphorus	P %	0.030 max.
Copper	Cu %	1.500 max.
Nickel	Ni %	29.000 - 36.500
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

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 N08535	UNS	USA	Pipe and Tube
N08535	UNS	USA	Pipe and Tube
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-	-	-	-
-	-	-	-
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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