

Material - ASTM B 622 N06230

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

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 622 N06230 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			Heat Treatment	
Carbon	C %	0.050 - 0.150	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.250 - 0.750		
Manganese	Mn %	0.300 - 1.000		
Chromium	Cr %	20.000 - 24.000		
Sulphur	S %	0.015 max.		
Molybdenum	Mo %	1.000 - 3.000		
Phosphorus	P %	0.030 max.		
Boron	B %	0.015 max.		
Lanthanum	La %	0.005 - 0.050	Mechanical Properties	
Iron	Fe %	3.000 max.	Tensile Strength in Mpa	760 min.
Aluminium	Al %	0.500 max.	Yield Strength in Mpa	310 min.
Tungsten	W %	13.000 - 15.000	Elongation in %	40 min.
Cobalt	Co %	5.000 max.	Reduction of Area in %	-
Nickel	Ni %	Balance	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 619 N06230	ASTM	USA	Pipe
B 626 N06230	ASTM	USA	Tube
B 435 N06230	ASTM	USA	Sheet, Strip and Plate
B 472 N06230	ASTM	USA	Billets and Bars for Reforging
SB-435 N06230	ASME	USA	Plate, Sheet and Strip
SB-564 N06230	ASME	USA	Forging
SB-572 N06230	ASME	USA	Sheet, Strip and Plate

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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