

Material - ASTM B 619 N06022

Standard Specification for Nickel and Nickel-Cobalt Alloy Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 619 N06022 Nickel and Nickel-Cobalt Alloy Pipe

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

Grade Belongs to the Industry - Pipe

Chemical Composition			Heat Treatment	
Carbon	C %	0.015 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	0.500 max.		
Cobalt	Co %	2.500 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	20.000 - 22.500		
Phosphorus	P %	0.040 max.		
Molybdenum	Mo %	12.500 - 14.500		
Vanadium	V %	0.350 max.		
Tungsten	W %	2.500 - 3.500	Mechanical Properties	
Iron	Fe %	2.000 - 6.000	Tensile Strength in Mpa	690 min.
Nickel	Ni %	Balance	Yield Strength in Mpa	310 min.
-	-	-	Elongation in %	45 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 576 N06022	ASTM	USA	Forging
B 574 N06022	ASTM	USA	Rod
B 575 N06022	ASTM	USA	Plate, Sheet and Strip
B 462 N06022	ASTM	USA	Pipe Flanges, Forged Fittings, and Valve
B 622 N06022	ASTM	USA	Pipe and Tube
B 626 N06022	ASTM	USA	Tube
N06022	UNS	USA	Wire

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call

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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