

Material: ASTM B 619 N10675

Standard Specification for Nickel and Nickel-Cobalt Alloy Pipe

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 619 N10675 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		
Carbon	C %	0.010 max.
Silicon	Si %	0.100 max.
Manganese	Mn %	3.000 max.
Copper	Cu %	0.200 max.
Sulphur	S %	0.010 max.
Chromium	Cr %	1.000 - 3.000
Phosphorus	P %	0.030 max.
Molybdenum	Mo %	27.000 - 32.000
Iron	Fe %	1.000 - 3.000
Cobalt	Co %	3.000 max.
Tungsten	W %	3.000 max.
Vanadium	V %	0.200 max.
Titanium	Ti %	0.200 max.
Tungsten	W %	3.000 max.
Niobium	Nb %	0.200 max.

Chemical Composition		
Tantalum	Ta %	0.200 max.
Zirconium	Zr %	0.100 max.
Ni + Mo	Ni% + Mo%	94.000 -
Nickel	Ni %	65.000 min.
-	-	-
Heat Treatment		
As-Cast or Annealing or Age Hardning		
Mechanical Properties		
Tensile Strength in Mpa	760 min.	
Yield Strength in Mpa	350 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 333 N10675	ASTM	USA	Plate, Sheet and Strip
B 335 N10675	ASTM	USA	Rod
B 564 N10675	ASTM	USA	Forging
B 472 N10675	ASTM	USA	Bar
B 622 N10675	ASTM	USA	Pipe and Tube
B 626 N10675	ASTM	USA	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