

Material - ASTM B 574 N10276

Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum, Alloy Rod

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 574 N10276 Low-Carbon Nickel-Chromium-Molybdenum, Alloy Rod

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

Grade Belongs to the Industry - Rod

Chemical Composition			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	14.500 - 16.500		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	15.000 - 17.000		
Phosphorus	P %	0.040 max.		
Cobalt	Co %	2.500 max.		
Iron	Fe %	4.000 - 7.000	Mechanical Properties	
Tungsten	W %	3.000 - 4.500	Tensile Strength in Mpa	690 min.
Vanadium	V %	0.350 max.	Yield Strength in Mpa	283 min.
Nickel	Ni %	Balance	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 564 N10276	ASTM	USA	Forging
B 575 N10276	ASTM	USA	Plate, Sheet and Strip
B 462 N10276	ASTM	USA	Pipe Flanges, Forged Fittings, and Valve
B 619 N10276	ASTM	USA	Pipe
B 622 N10276	ASTM	USA	Pipe and Tube
B 626 N10276	ASTM	USA	Tube
N10276	UNS	USA	Casting

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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