



Material - ASTM B 333 N10624

Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet and Strip

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 333 N10624 Nickel-Molybdenum Alloy Plate, Sheet and Strip

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

Grade Belongs to the Industry - Plate, Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.100 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.025 max.		
Cobalt	Co %	1.000 max.		
Sulphur	S %	0.010 max.		
Chromium	Cr %	6.000 - 10.000		
Iron	Fe %	5.000 - 8.000	Mechanical Properties	
Molybdenum	Mo %	21.000 - 25.000	Tensile Strength in Mpa	720 min.
Aluminium	Al %	0.500 max.	Yield Strength in Mpa	320 min.
Copper	Cu %	0.500 max.	Elongation in %	40 min.
Nickel	Ni %	Balance	Reduction of Area in %	-
-	-	-	Hardness in HRB	100 max.
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 335 N10624	ASTM	USA	Rod
B 564 N10624	ASTM	USA	Forging
B 619 N10624	ASTM	USA	Pipe
B 622 N10624	ASTM	USA	Pipe and Tube
B 626 N10624	ASTM	USA	Tube
N10624	UNS	USA	Tube
-	-	-	-

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.