

Material - ASTM B 575 N06022

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

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 575 N06022 Low-Carbon Nickel-Chromium-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 %	0.015 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	0.500 max.		
Chromium	Cr %	20.000 - 22.500		
Sulphur	S %	0.020 max.		
Molybdenum	Mo %	12.500 - 14.500		
Phosphorus	P %	0.020 max.		
Tungsten	W %	2.500 - 3.500	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 310 min. Elongation in % 45 min. Reduction of Area in % - Hardness in HRC 100 max. Impact in Joule -	
Iron	Fe %	2.000 - 6.000		
Cobalt	Co %	2.500 max.		
Vanadium	V %	0.350 max.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 576 N06022	ASTM	USA	Forging
B 574 N06022	ASTM	USA	Rod
B 462 N06022	ASTM	USA	Pipe Flanges, Forged Fittings, and Valve
B 619 N06022	ASTM	USA	Pipe
B 622 N06022	ASTM	USA	Pipe and Tube
B 626 N06022	ASTM	USA	Tube
N06022	UNS	USA	Wire

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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