

Material - ASTM B 575 N06455

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

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 575 N06455 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 %	1.000 max.		
Chromium	Cr %	14.000 - 18.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	14.000 - 17.000		
Phosphorus	P %	0.040 max.		
Cobalt	Co %	2.000 max.	Mechanical Properties Tensile Strength in Mpa 690 min. Yield Strength in Mpa 276 min. Elongation in % 40 min. Reduction of Area in % - Hardness in HRC 100 max. Impact in Joule -	
Iron	Fe %	3.000 max.		
Titanium	Ti %	0.700 max.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 574 N06455	ASTM	USA	Rod
B 619 N06455	ASTM	USA	Pipe
B 622 N06455	ASTM	USA	Pipe and Tube
B 626 N06455	ASTM	USA	Tube
SB-575 N06455	ASME	USA	Plate, Sheet and Strip
SB-619 N06455	ASME	USA	Pipe
SB-622 N06455	ASME	USA	Pipe and Tube

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

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.